POCKET INSIDE FRONT COVER

31-986

80 Sheets · 11 x 8½ · College Ruled

NATIONAL

NATIONAL BLANK BOOK COMPANY, INC. - HOLYOKE, MASSACHUSETTS 01040 MADE IN U. S. A.

WIK Home

1) Tower Layout
2) TH - Vic's System w/ Peru, Val
3) With Chart / Finish
4) Atlanta Program
5) Directory
6) Oct. Schedule - WIV
7) V w/ Pres B Ref dev. order
8) V on Electrical Cable for Tower
9) deposits for WIV - analyze Subscriber Position
10) Make out orders for Ch. X, Ch. 4 gear
11) Wire in Control for 8500's
12) V out 3 standard Color Monitor
13) V out Peru, Col, V3 ~~feeds~~ Intelsat

684
4.3
2052
2736
2941.2

684
521 | 35600
312
440
416
240
208

Mike

Peter Grey Mr. Aarons
629-4353
or
499-7173
or
883-6730 after hrs.

Dec MAGAZINE

1) Review 1/2 vs full TR Recvrs –
2) Burker Piece
3) Astronom Show
4) Transifier Modulator
5) Space Report
6) Amtc D "
7)

ATLANTA

1) MAN OF YR INTERVIEW
2) JOHN RAMSEY INTERVIEW
3) ANDY HATFIELD "
4) PETER SUTTON "
5) ~~SPACE REPORT~~
6) ~~ANNIE D~~ "
7)

Europe

1) Markets 10 -

A) Germany - 2 Nat + 1 or 2 Regional Svcs - Low TV interest in 20-35 mkt/ Minimal interest News, Sports & Sex movies

B) Switzerland - 1 to 9 Svcs - Swiss, German, Austrian Italian French + Sat - Some Cable but Largely underdeveloped - Intense News interest, Good movie crowds, like major entertainers

C) Italia - 1 to 7 stations in North - Have 2 Nat Svcs + Regional Indies + border Swiss, French, Austrian - Virtually no interest in French - Good News interest movies, Sex

D) France - 2 stations universal - Virtually no interest in bordering Country Svcs - Inward looking -

---

General Threads -

1) Sports Packaging - Soccer, Hockey, Track & Field - No present Packaging Agents - Complex Rights Questions

2) News Packaging - Most universal interest, Highly Political & Volatile - Soft Censorship exercised - Very poor electronic Infrastructure Values - only major stations have newsroom - Eng or Live Coverage does not exist -

3) Movies & Sex - Language Problems, Eff down Ger, Swiss, Not Italy, France

The Standard —
Panasonic (National)
Hitachi
Akai

Para / $750 w/ Tuner — WITH VAT ($98 Basic)
PAL B (Europe)
NTSC 4.43 (pre-recorded tapes)
SECAM Middle East (Not Same as French/Russian Secam?) — Could be RF incompatible? — Secam on 819 line UHF / Russian 625 Secam

Not allowed to import French Secam Recorders into Europe — only available East Germany — & France —
Knowledgeable on NTSC 3.58, PAL M, N (SA) & does not try to misrepresent export abilities

Flicker

"Be very careful of three standard recorders — people will sell you one in good faith — & it will not record on playback French Secam" —

"The French do this on purpose so nobody would bother or break into their markets" —
— "Yes we have it — but it will only record French Secam in black & white"

Int. Harold Moore — Zurich — FF are considering prohibiting of importation of any video type recorders capable of video taping or playing back French Secam transmissions"
"France's Thomson CSF, nationalized by the Socialist Govt this past May, have been instructed by the govt to begin producing for domestic sale French Secam recorders by 1986 at the latest."

French Video Store owner

"Yes, we have the best american movies (10) available on Cassettes – French Secam of course, only. I am not allowed to offer movies on other formats".

Brussels – 14 yellow pages of VCR/TV gear

London –

1 Video Store /

5 equipment stores ("Entertainment Through Souvenir Stores")

THE FOCUSING PROBLEM

European Purchases

			SF	US	TO £
RINGS WARNS KPC/	1)	Musik Radio Phon / Interlaken, SW.	110 →	$50.60	3.99 (22.5)
CROSS BOW KPC/	2)	Nagel & Men 3 / Baden Baden, GR.	DM 111 →	$43.82	4.66
WATCH	3)	Bij Schertenleib / Interlaken, SW	SF 325 →	$172.50	
2 KNIVES	4)	A. Schilo / Interlaken, SW	SF 98.50 →	$45.42	
JACK WATCH DONKEY ICONS	5)	Ratners / London	£ 19.65 →	$36.16 ([redacted])	[redacted] (1.84)
TAC	6)	Games Centre / London	£ 26.85 →	$49.40	
SCARF	7)	Zur Stadt / Interlaken	SF 14.80 →	$6.81	
MISC	8)	Madame Tussauds / London	£ 38.34 →	$70.55	
				$475.29	

Madame Tussaud's (1)
VAT No. 232 6648 60

28-09-82 *
#0152 *

*	3.80	4
*	0.99	4
*	0.20	4
*	0.20	4
*	0.06	4
*	0.50	4
*	5	@
*	0.55	*
*	2.75	4
*	0.45	4
*	0.50	4
*	0.99	4
*	2	@
*	1.95	*
*	3.90	4
*	3	@
*	1.25	*
*	3.75	4
*	1.95	4
*	0.85	4
*	1.45	4
*	1.95	4
*	0.75	4
*	1.25	4
*	1.25	4
*	2	@
*	1.95	*
*	3.90	4
*	1.25	4
*	2	@
*	1.95	*
*	3.90	4
*	1.75	4
*	38.34	Sr *
*	0.00	At *
*	1.66	Ch *

(33) Chems/ Booklets/ Pencils/ Wan Decorations

Cardmember Account Number 3732 311367 61012
Cardmember Name 03/82 THRU 02/84 77 AX
SUSAN T COOPER
Approval Code
Check or Bill No.
Service Establishment A. SCHILD BAHNHOFSTR. 19, INTERLAKEN 958 550 441 8
Date of Charge 22.9.82
1347
Merchandise/Services 98.50
Any delayed charges are entered below:
Type of Delayed Chg.
Amt. of Delayed Chg.
Revised Total
Establishment agrees to transmit to American Express Company (Amexco) or Authorized Representative for payment. Merchandise and/or service purchased on this card shall not be resold or returned for cash refund.
Tips/Misc.
Total 98.50
Amexco Use Only
Cardmember Signature X Susan T Cooper
Number 455494
American Express Card
Please Print Firmly
Record of Charges
Cardmember Copy
ROC FORM 42-03-00-790-1-R PRINTED IN U.K.

2 knives

Cardmember Account Number 3732 311367 61012
Cardmember Name 03/82 THRU 02/84 77 AX
SUSAN T COOPER
Approval Code
Check or Bill No.
Service Establishment MUSIK-OEHRLI BAHNHOFSTR. 27A 3800 INTERLAKEN 958 553 404 3
Date of Charge 21.9.82
11003.1
Merchandise/Services
Any delayed charges are entered below:
Type of Delayed Chg.
Amt. of Delayed Chg.
Revised Total
Establishment agrees to transmit to American Express Company (Amexco) or Authorized Representative for payment. Merchandise and/or service purchased on this card shall not be resold or returned for cash refund.
Tips/Misc.
Total
Amexco Use Only
Cardmember Signature X Susan T Cooper
Number 0126394
American Express Card
Please Print Firmly 110 SF
Record of Charges
Cardmember Copy
ROC FORM 42-03-00-790-2 SE 111 PRINTED BY The SWEDE

MUSIK-RADIO-FOTO
OEHRLI CH-Interlaken

Cuckoo clock

J•7600 ⊕	2	
J•5500	1	
J•5500	1	
J18600T	BV	
00047Nr01		
21-09-82		

2 - Rons Watches

VISA SERVICE
SALES VOUCHER
Date / Datum
Authorization Code
4019 120 860 131
02/83 • VISA
ROBERT B COOPER JR
Kevins Watch
216408 BAC
1158511
BIJ.SCHERTENLEIB, INTERLAKEN
Betrag / Montant 375.-
Tax / Misc. Steuern / Versch. Taxe / Divers
Total Local Currency 375.-
VISA
Bank Finalba/Banque Finalba
Löwenstrasse 29
Postfach 8021 Zürich
VISA SERVICE
Karteninhaber / Titulaire
Durch Unterschrift anerkennt der Kartenhalter die Richtigkeit dieser Rechnung. The issuer of the card identified on this item is authorized to pay the amount shown as TOTAL upon proper presentation. I promise to pay such TOTAL (together with any other charges due thereon) subject to and in accordance with the Agreement governing the use of such card.
Par sa signature l'acheteur reconnaît l'exactitude de cette facture.
SIGN HERE Signature Unterschrift X
Behalten Sie diese Kopie zur Kontrolle des Kontoauszuges
Conservez cette copie pour vérifier le relevé de compte
Conservate questa copia per verificare l'estratto conto
Retain this copy statement verification

Bijouterie Schertenleib
3800 INTERLAKEN
Kevins Watch
22 09 82
0025•001
1 375•00
375•00 ⊕

RATNERS
Jewellers of Repute
OXFORD STREET, W.1
List of Branches Overleaf
DATE 28/9/82
ex 16

Sold by	Deposit	Payment	Balance	VAT REG. No. 233 0009 24
MS		CASH		

Stock No.	Description	Price
15	CASIO - Tasha's watch	19.65
		19.65

APPROVED BY
AMOUNT RECEIVED (inclusive of VAT)
Please retain this receipt. Proof of purchase will be required for an exchange of, or repair to, goods.
05514 - 38
010108 MOORE PARAGON UK LTD

Cardmember Account Number 3732 311367 61012
Cardmember Name 03/82 THRU 02/84 77 AX
SUSAN T COOPER
Approval Code
Check or Bill No. 172
Service Establishment 2661213 THE GAMES CENTRE LONDON W1 439 OX ST 9501366
Date of Charge 24/9/82
Any delayed charges are entered below:
Merchandise/Services 26.85
Type of Delayed Chg.
Amt. of Delayed Chg.
Revised Total
Establishment agrees to transmit to American Express Company (Amexco) or Authorized Representative for payment. Merchandise and/or service purchased on this card shall not be resold or returned for cash refund.
Tips/Misc.
Total 26.85
Amexco Use Only
Cardmember Signature X Susan T Cooper
Number 288901
American Express Card
Please Print Firmly 26.85
Record of Charges
Cardmember Copy
ROC FORM 42-03-00-790-1-R PRINTED IN U.K.

game Donkey Kong Checkers

Nagel & Menz
Inh. R. Wunderlich, Büchsenmachermeister
Baden-Baden, Lange-Str. 56, Tel. 2900
Fachgeschäft für
Waffen - Munition - Angel- und Sportgeräte

Firma

Anz.	Datum 17.9.82	Preis	DM	Pf
1	Armbrust		99.	-
5	Bolzen el		12.	-
			111.	-
	Kevins Crossbow + Arrows			

Verk. 0326- 3
Bei Irrtum oder Umtausch bitte diesen Zettel vorlegen

Confection 38
Zur Stadt Paris
GEISMAR Telephon 22 17 45 3800 Interlaken

Ref.		Fr.	Ct.
92235	1 Foulard	14.80	
		0.4.80	

Bei Reklamationen oder Umtausch innert 3 Tagen ist dieser Zettel stets vorzulegen

Tasha/Scarf

22 X 82

Turks & Caicos
National Youth UK
Scholarship Competition

1) Ages 10 to 13
2) Prizes - 2 (1 boy, 1 girl) 1 week trip to London for escorted tour of British Heritage.
A) Preliminary Competition - all youths 10 to 13 with School/Parent Selection Committee.
B) Winners each school go to National Competition. Winners selected by point system - all essays judged without knowledge of entrant name by scholastic committee made up of "select"
C) Best Female, Best Male each school - Certificate of Achievement
D) 3rd, 2nd best at National level receive £100, £50 awards
E) Best Male, Best Female - to London BOAC Nassau / with £100 spending
1) TV Cam's follow - from announcement of winners to return - becomes televised fantasy trip, serves as inspiration and incentive to all youths - to achieve - Rewards - Lesson / Tour trip also becomes part of library of direct relationship UK Heritage History and your throughout -

F) BUDGET ESTIMATES (BEFORE PERKS)

AIR

1) 2 YOUTHS — 1500
2) COUNSELOR — 750
3) TV STAFF — 2250
3 —

> $4500

HOTEL / LODGING

1) 3 ROOMS - 7 NIGHTS / 220 X 7 > $1890
2) MEALS - AVG. 21 MEALS X $10 P/M = $210 X 6 = > $1260

GROUND TRANSPORTATION, MISC.

1) 7 days AVG $60 + $20 per d = $80 X 7 - > $560.00

ELECTRONIC SOFTWARE COSTS

1) PRE TRIP / PROGRAMMING MATERIAL COSTS > $250
2) TRIP / PLANING MATERIAL COSTS / 1 ROLL PER day - + 3 = 10; BATT PKS - 2 per day / $40 > $530.00
3) SPENDING CASH > $400.00
4)

($8990.00)

PACKAGES (#9000)

1) at #1200 NEED 8+ at #100 per MONTH
2) at # 600 " 16+ at $1 50 " "

#100 p/m = 12 / $8 00 or
6 / #16 Cum
8 / $12 "

OFFER PACKAGE OF 12(8) COMMERCIALS –
TO 16 SPONSORS – #100 P/MONTH
1) 12 = every 2.5 days on MWF/TTH Sa
WITH SKIP SUNDAY –
⇒ MASTER SPONSOR – using 2 units per
MONTH (#50 per wk – ~~[illegible]~~ 6 OR 4 per
week) #200 p/m
A) Reg Spots + Sponsorship of SCHOOL &
NATIONAL FINALS –
[NATIONAL SUPPORTER]

TAKE IN
800
(16 x 50)
PER WK/
400 x 52
= #20,800
P/M/800 x
52 = $41,600

2) SUPPORTER –

PKAGE NET #41,600
– 9,000 COSTS (direct)
$35,600 / 52 = #684 P/WK OR #2941 00 PER MONTH

1) PREPARE MASTER PLAN BROCHURE –
WITH STUDENT TESTIMONIALS / TEACHER SHEET
ADDENDUM / SUPPORTER SHEET ADDENDUM

WIV Regular Service - Renewals

10/02/82

	Cust		CLS	3
$100	16	1600	24 - 1	24
$ 50	- 1	50	40 - 1	40
$ 20	- 59	1180	100 - 1	100
$ 10	- 6	60	180 - 1	180
$ 5	- 2	10	240 - 7	1680
$ 1	- 3	3	280 - 1	280
		2903	480 - 1	480
				$ 2734

2734
2903
$ 5637

10/04 - + 260 00

1) Move Audio mixer - For Guest Shot
2) Move Set to Right
3) See Blythe
4) Complete List - KPC boat dash
5) CHair / Sor - Wicker
   Choc chops
   Cheese
6) Redo TV Schedule & List For WK - Sat/Sun
7) do sequence outline For News
8) Pack Black Box
9) get List of ads To White about
10) Transition address
11)

FLA.

1) Call Kenn / Lynn
2) Pick up Film / Photos
3) Typewriter
4) Lounging gowns, Small
   Bathrobe - Small, Short, Knit Seersucker
5) Order Scramblers, 6 pc units
   4 more Jays, 1 VT 145
6) Fishing Poles
7) Water Skies
8)

CSD

1) Paste up Sheets
2) " " Supplies
3) " " CATJ Reprint
4) Photos for Rebroadcast article
5) Color Photo for Cover
6)

Handbook

1) Look up Copy - Find Photo List
   OR
2) Find new Photo Set
3) Color Front Cover
4) RBC Photo
5) Weichart Master

GNRL

1) Bills to Pay
2) Passports
3) Prior Programs
4) Program Photos
5) Cards for UK
6) Directory data
7) PC address

Local news for Provo

The Golden Shears

~~Set~~ Provo Plaza
Grand Opening Tue. Oct 15th
7-3 VHF Graph
Total full Service Unisex
Women Spec. in ~~Extra~~ Cullen

Cutting
perms
Colorings
reverse perms
relaxers
Shampoo w/ C.O.
Set & All Treatments

Tues thru Sat
mornings

$24.00

~~Set~~ Tues —
Monday —
Fri —

INSERTS

1) Truck up close
2) Blood outside / inside
3) Police Patrol Cars Sign
4) Pioneer House –

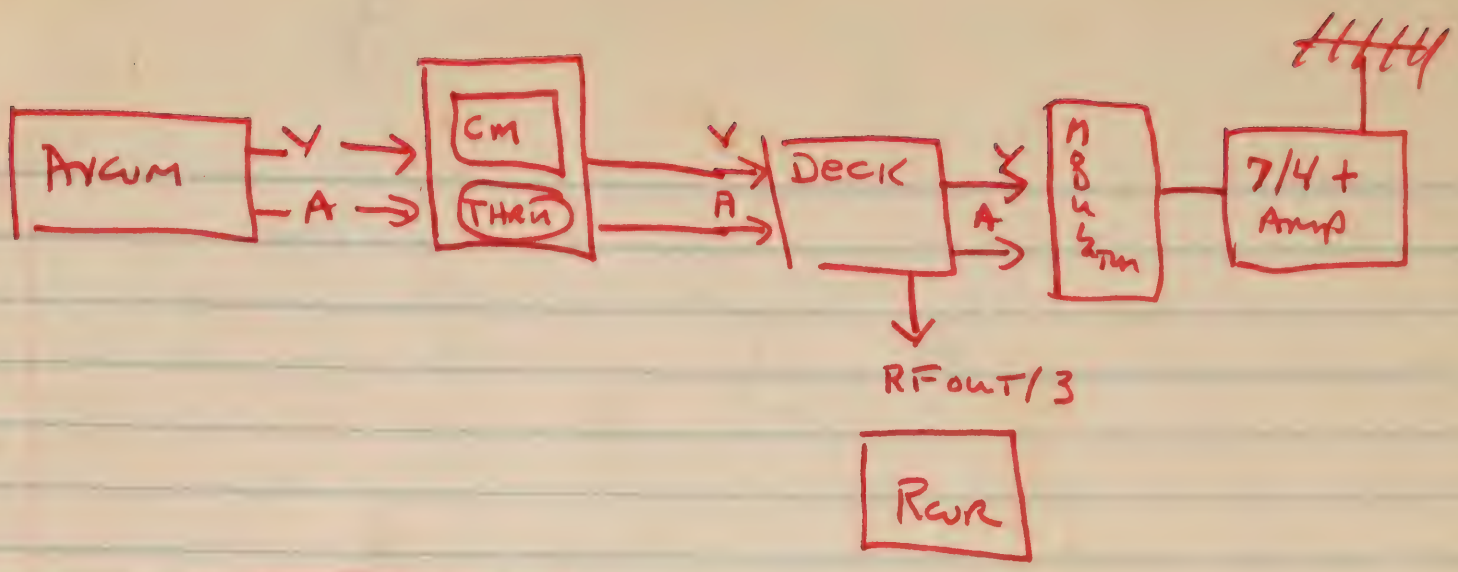
Jan. 155

T. Heophilus Williams

Wife, 3 children

Boarding Greenings

Young loving wife
& Three beautiful
children



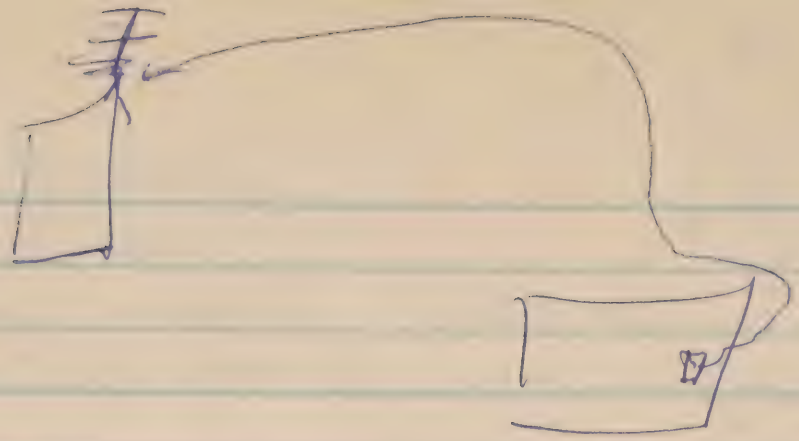
A) A+V CORDS - III
B) CM - 1
C) RCVR - 1
D) F59/59 Cable - 1

+) Segue Tape - 20 minutes long -
Start Blue
Go Green

Attenuation
Y2 Amp
Fuse ARCOM
Modulation

See April
MISSION

Scott osBorne 4 > 17th



(Rotor — 4 Wires
(Lock — 2 Wires)
Block down — 2 Wires — Avcom
Read out — 3 Wires
(Blo

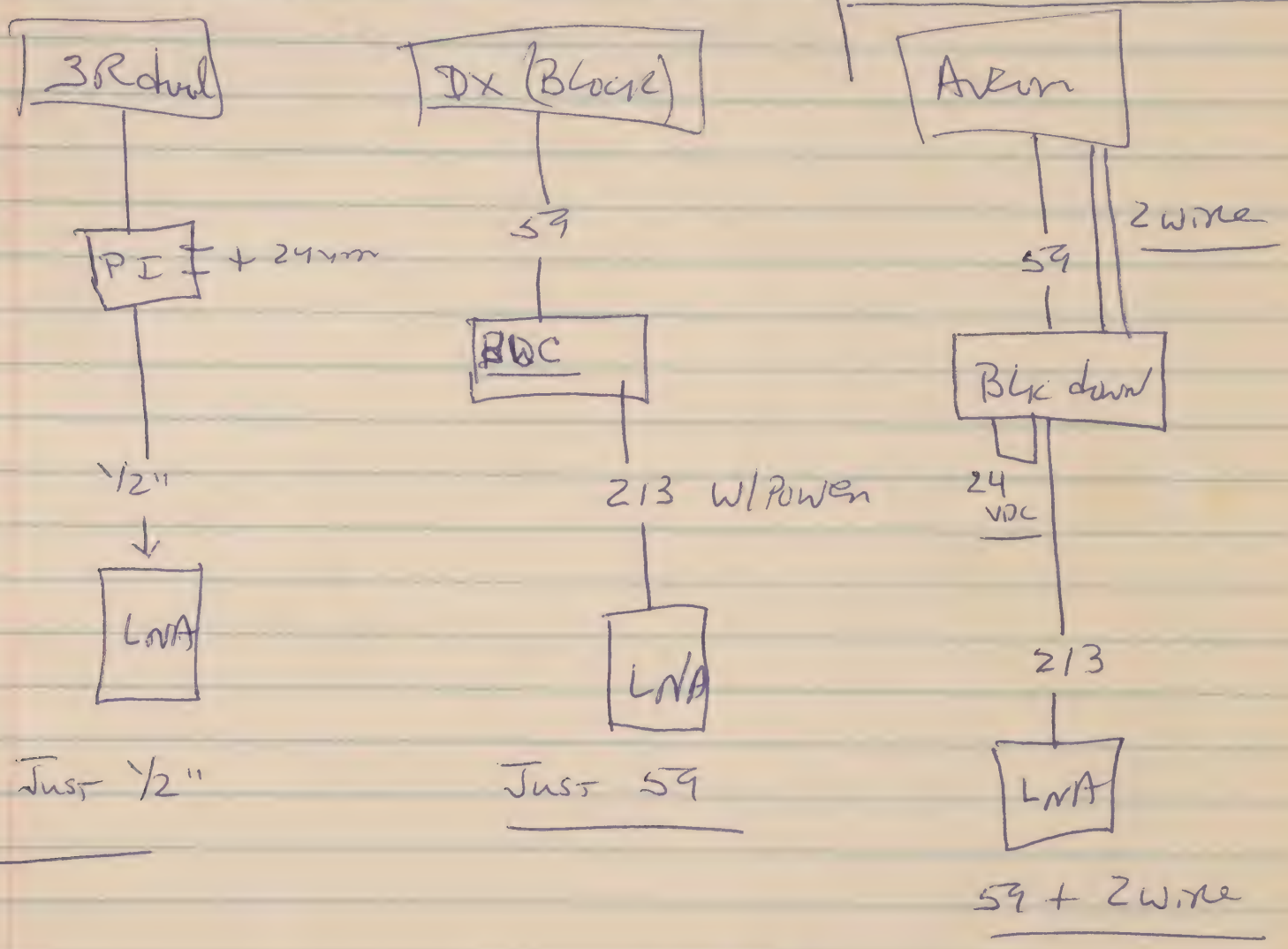
Avcom BDC

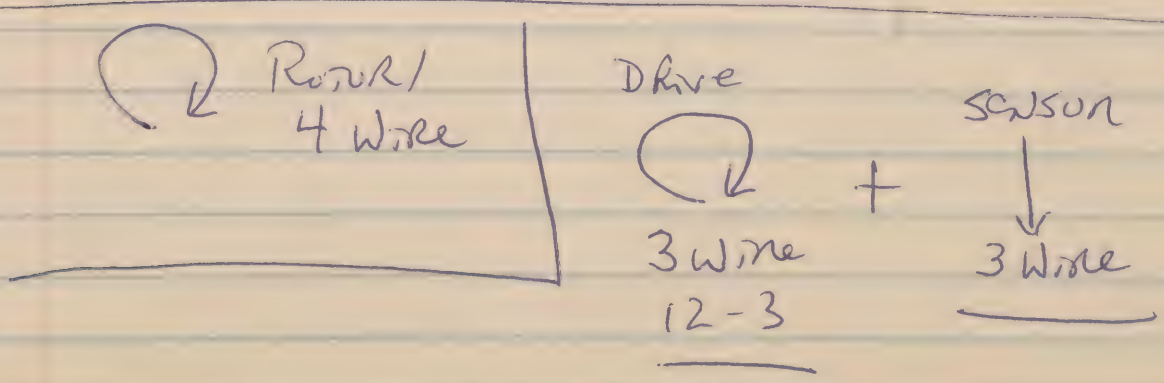
4 Wires + 3 Wire Sensor
(+ 4 Wire Rotor)

1 Avcom, 1 DX BDC

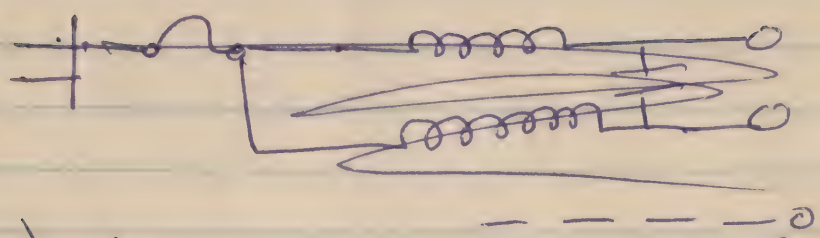
2 Wires + 3 Wire Sensor
(+ 4 Wire Rotor)

1 Avcom, 3R + 1 DX BDC
3 Wire Sensor + 4 Wire Rotor
+





W/S Box



1) Voltage TO Control Relays —
A)

2 yrs - Dr. Cater (Raj.)
Modeling - from - 18 mos
Prod. Gross up
Tooling first yr - 11c - brake even and tooling -
NOT R & D

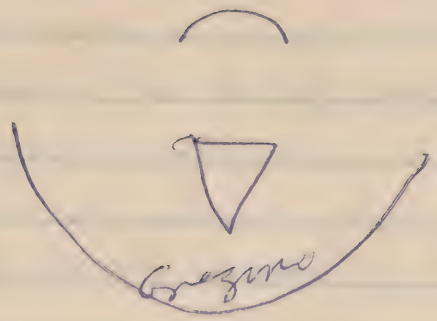
yr to 2 yr Cross over Rad to blade -

Good - Cosmy.
Good -
Good - 1st Single lbs is -14/15
Soggy - effecting on main lbs gear down
Side lbs come up -
Triple dry silver
06 3 DC
Standard Hardware

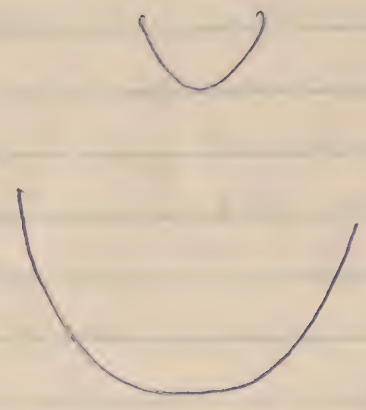
Panic force - 1st Side down 25 deg -
after 1-3 likely to go to -10 deg -

32 - 25
32 - 29 new FCC - 9 meters up modified

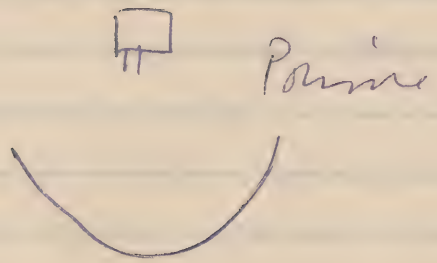
25 - worst case spoice -6
29 - " " " -3
Why Cont buried in small -
size sub R Tradeoff blockage -
& Trade off

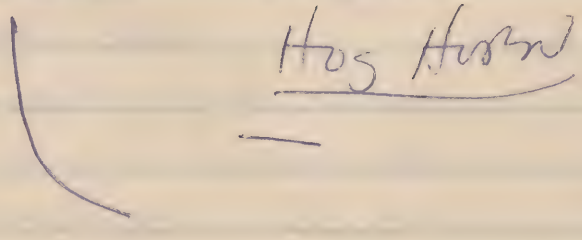


Standard



Cassy / Hyperbolic





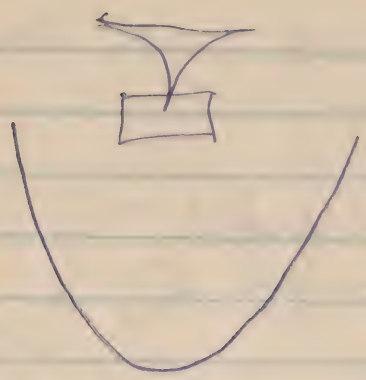
Started 50's

MIT - Could not
Silve phase arrays -

Pat. is on correcting
Phase arrays

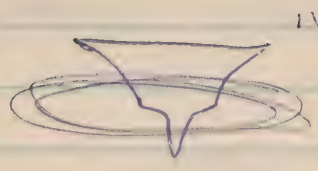
Phased arrays - 10 yrs Form now -
Closed line on vy chap Cabon -

Silver satellites 20 x 20 Flat unit -
multiple beams solving all
over S/Ly - Sorrsecy cost -



Sub R is much much smaller — There is Pitching — Relative position of Pitching Blocc /

intersection btw Sub R & Matching section



"donut" of energy —

Reverse engineer — long all Competitive Products Competition has to get There 1st / We'll make it as tough on him as possible

This is 10^{4}W — of Glucose —
22W Glucose with Standard Sub R on Horn Smaller / bigger

< 10^{2}W to 8^{2}W —
what happens — added diffraction
Very Constants on edges —
disk accuracy — 12 (dual) Tolerances —
disk 16 Thousands while disk
24 Thousands

built
Have to use Carter purchase just to get screw in
Some people don't use Thoroughbrace as 11m —
60' K bowl

60' Kn band
Closed Ring 21/22 Ton —

every panel stretched & bonded —
stretch form / precision jig —
back filled with epoxy

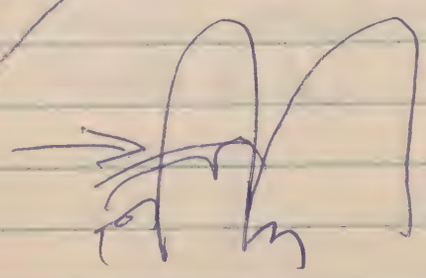
Rotate spars to keep spars
from getting into pattern on genoine
absorber on prime

NT perf. is that of Corny ant —

This to Probably — +1 3/4 dB —

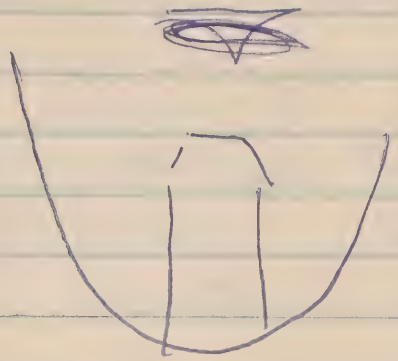
Multiple beam systems —
1) freezes U to 3 sats
2) people who say won't meet
FCC -29 specs are in trouble —
for 3 feeds —
3) odd. blockage
4) TCRR int. will possibly come up —
5) Permits proposed
to put in 3 DG —
6) we won't solve it
that way
7)

Rig
Connect
Peter Ge
Helmet



We may be too ~~Conservative~~ Conservative
- Could have gone with Pressed Surfaces, Cool Plated Hardware - we are here frequently - I want to be proud of what we put out

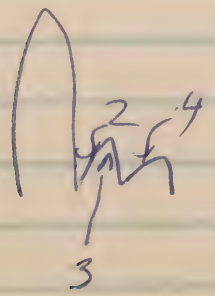
38 Aargenstein Tech
1GW SCPC CHS on 4/5 Transponder



building from Reuse
feeds /DG/ For Low Cost
22 dB axial Ratio
30.7 dB x Ratio //
= Wideband Polarizer /
1 polarizer 3.7 to 6.2 w/ 22 dB

Not trying to address time mkt -
Corporate would stop us if
They saw us Herding for Consumer
Svcs -

Odd Connects if They became hit go to
Studebaker // Since use absorbers which is
pricey



Chosen for 2/4 -
Fre going to Cross pole mode -
30+ NUTCH / ++ Cross pole -22

JPL - Dr. Ludwig -
Might work / Lost Sept 82 -
29 Stopping
Icee out & Propagation -
Have already

5 TO 6 better Sutton dist
feed spoil over

Ku band feed - Size of Throat is Size of Throat

The one Thing it to Regret
is That They Compared apples & oranges
4.5 / 120
3 / 80

all of a Sudden They Said it is
a 4.5 meter - //

Pol / Secum / Greek - Sunsensing /
6 mos /

4.5 / 6.1

FRIDAY

(A) 2 seats rental

1) Film

2) ~~Pioneer~~

~~3) Sony~~

4) Gulf // Sports of 1/27 shipment

(A) ~~Pins~~

(B) ~~2 way hybrid overdown~~ 5

(C) Electrical Contact spray

(D) Other 2 Sets - 1 Kw

(E) ~~2 Cal 4 Arms~~ (F) antenna FM (1)

(5) N & G

(A) ~~220 Pair~~ ✓ 642 #1854

(B) ~~Cousy~~

(C) ~~2 ants~~

(6) Front Mesine

~~(A) FM~~

(B) 2 Switchers

(C) Scrambler

(7) Hero

(A) 1/2"

(B) ~~Connectors~~

(8) Connectors - SE? -

$45 W
98 Rw
23 38
22

Sun

1) ~~✓ ous~~
2) ~~Office Lots Goo #1~~
3) ~~Printer // Cover~~
4) ~~Hardware~~
5) Kens
6) ~~Boat Place~~
7) ~~Fertilizer~~
8) Vet
9) Meat
10) Office Supplies

Hardware
- (A) ~~HGX3~~
- (B) ~~Wire Brush~~
- (C) AC Plugs
- (D) ~~Silicone Cleaner~~
- (E) ~~Window Cover~~
- (F) ~~Faucets~~
- (G) ~~Milwaukee~~
- (H) ~~Gibbs/Arkoch~~
- (I) ~~1/2" drill~~

Auto
- (A) ~~Window Cover~~
- (B) ~~Body Putty~~
- (C) ~~Black Primer~~
- (D) ~~2 Bags~~

- (J) Screwdriver
- (K) Wrenches

Office
- (A) Lots of Tape
- (B) Ribbons

Drug
- (A) ~~Vitamin C~~
- (B) ~~Hot Water Bottle~~

Cole Bus
Frank - Video Interviews
Green

MONDAY

Hardware
- HGX3
- Wire Brush
- AC Plugs
- Faucets
- 1/2" drill
- Screwdrivers
- Wrenches

- Milwaukee
- Gibbs/Arkoch

Sunbeige Cool
Vintage Pools

Office Supply
- Lots of tape
- Ribbons
- Add. Book

Vet
- Tick dip
- Heartworm pills

Meat

Keys made
- Printer

Video
- Atari Activision River Raid
- Intellivision - B17 Bomber
- Tennis

- 2 - Rod Holders
- Teak Rows

Vs

Brown	$800
"	1087.50
office	
#1	600.
#2	600.
Postage	500.
(6) Gulf	3500.
Construction	1954.
	$9041.

CK bal against deposits since 2/08 and add latest deposits —

TOPUM

A) TO NEG - $457 ~~00~~
B) Mailing - March
C) Universal #1354 ?

BAL TO 2/14 — $36995

✓'s written
1) Before leaving — 15421
2) INT Feb 9041

24462

Apparent bal #12573

UX –

Club met & Johnson Const Co Hons, Sung
Signed agree Pirin 2/25
in Connection w/ building Club Mt
a Resort on Pirin – T&C Sports complex etc
TOTAL ~~$~~ $23M For 5 yr
bank – Work scheduled to begin
April. 1983 –

John Bowen Director
overseen Construct Mgr

Week to 20th

1) CH. 4 Switched to tower permanently — Sitting off HTV
2) Filters on Ch. X, Y
3) FM TR on — feed from WGN

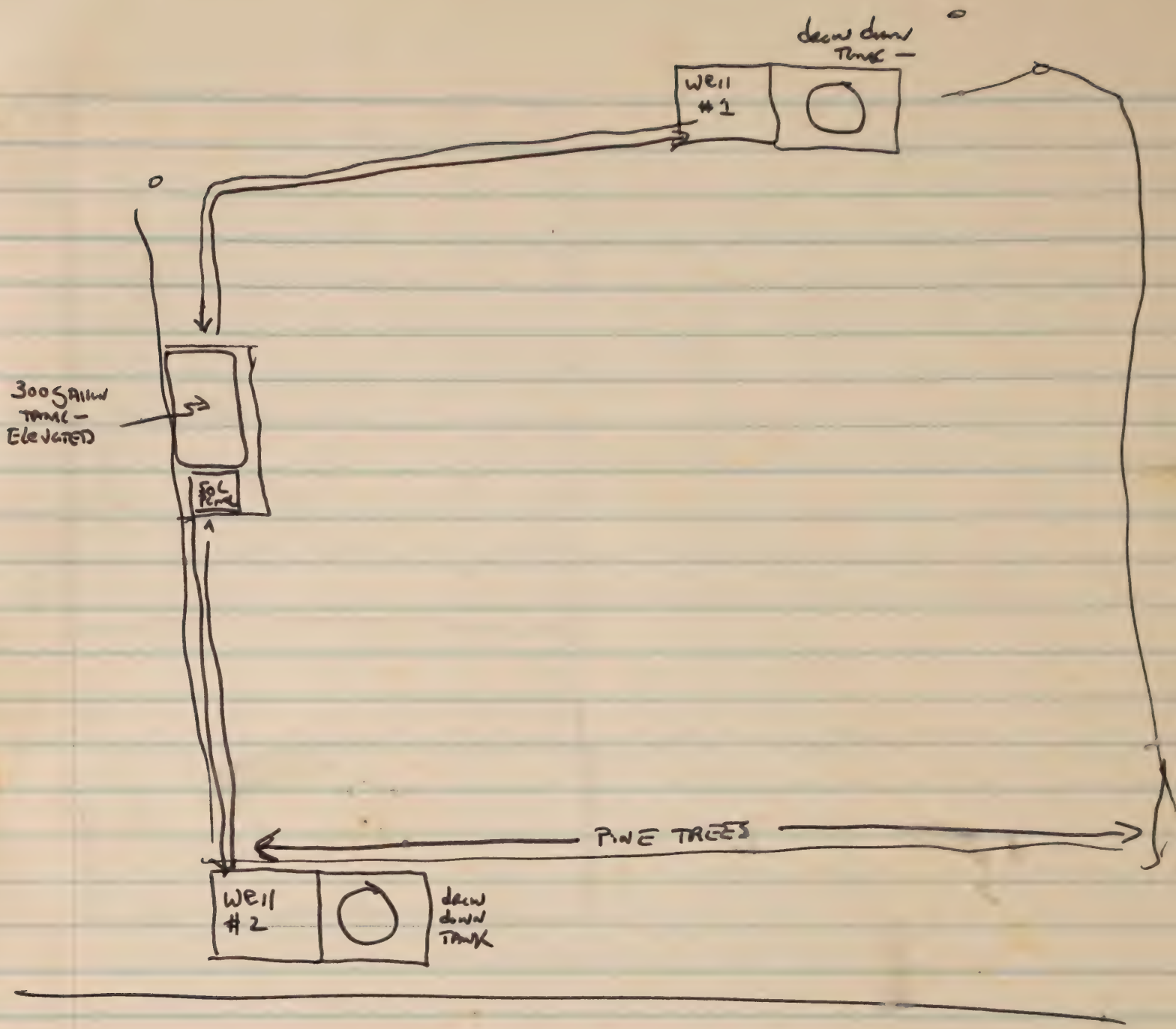
4) Put Hero on WTBS for permanent

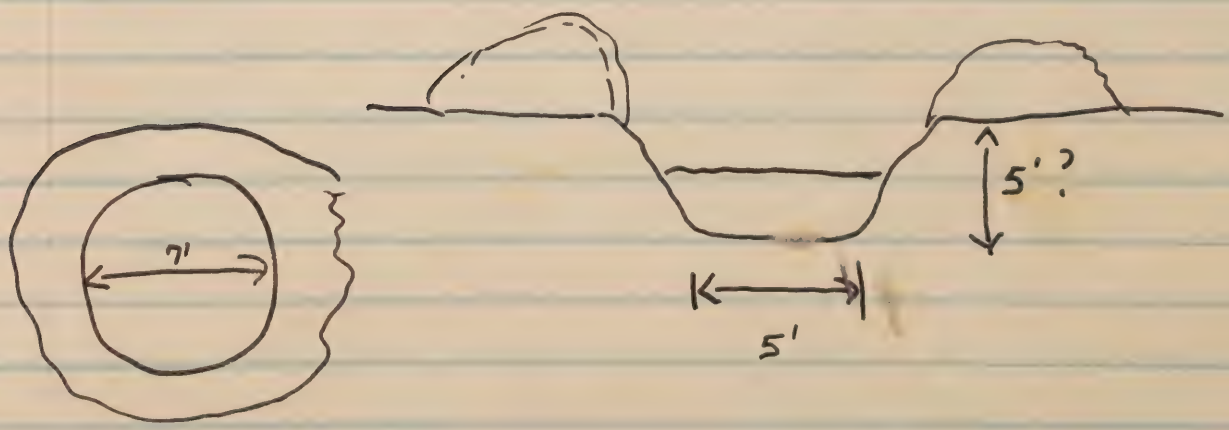
5) Clean up Studio, Control

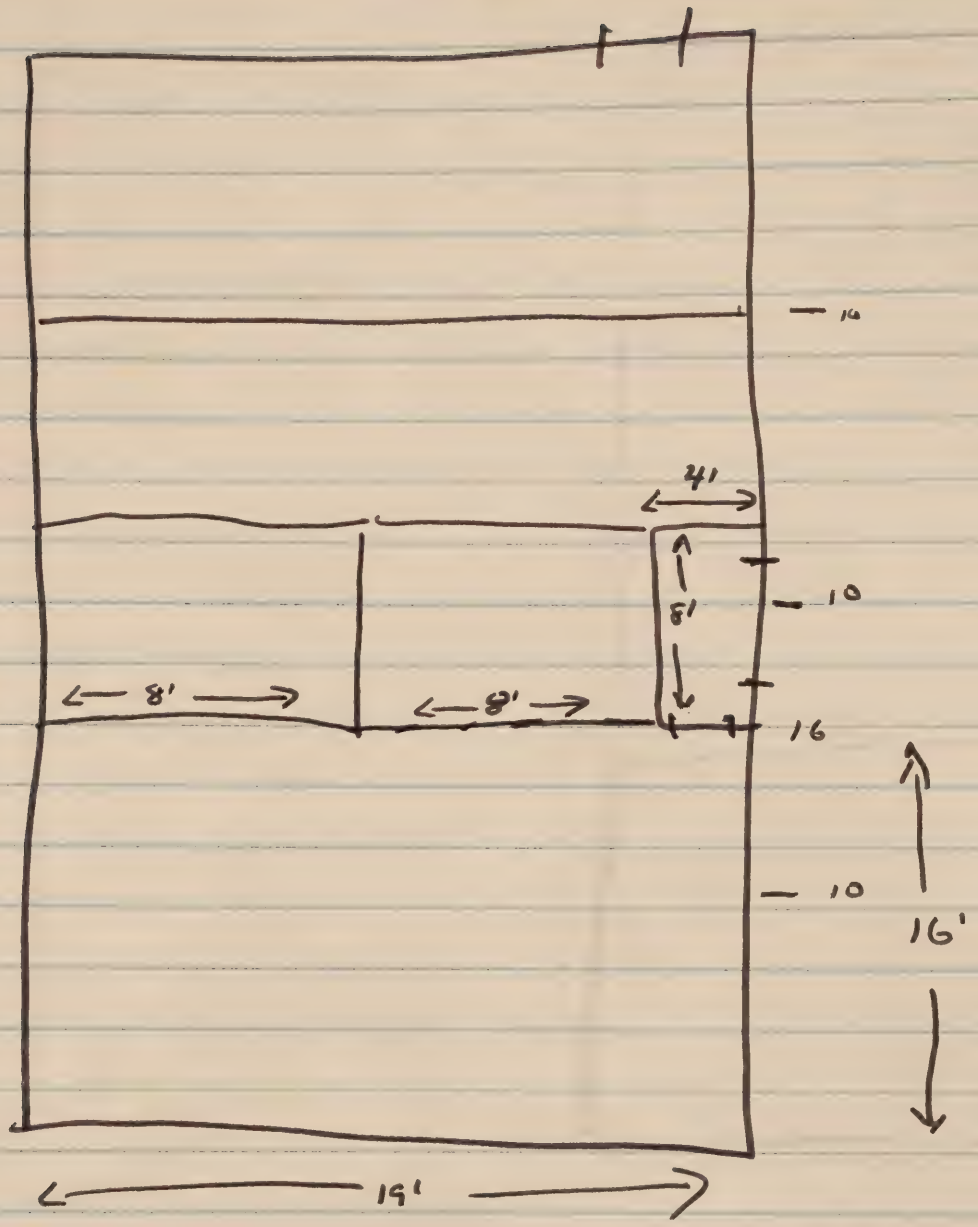
Writing
A) Photos of Parachute, Adm, Hero — RB structures
B) Rust Photos
C)

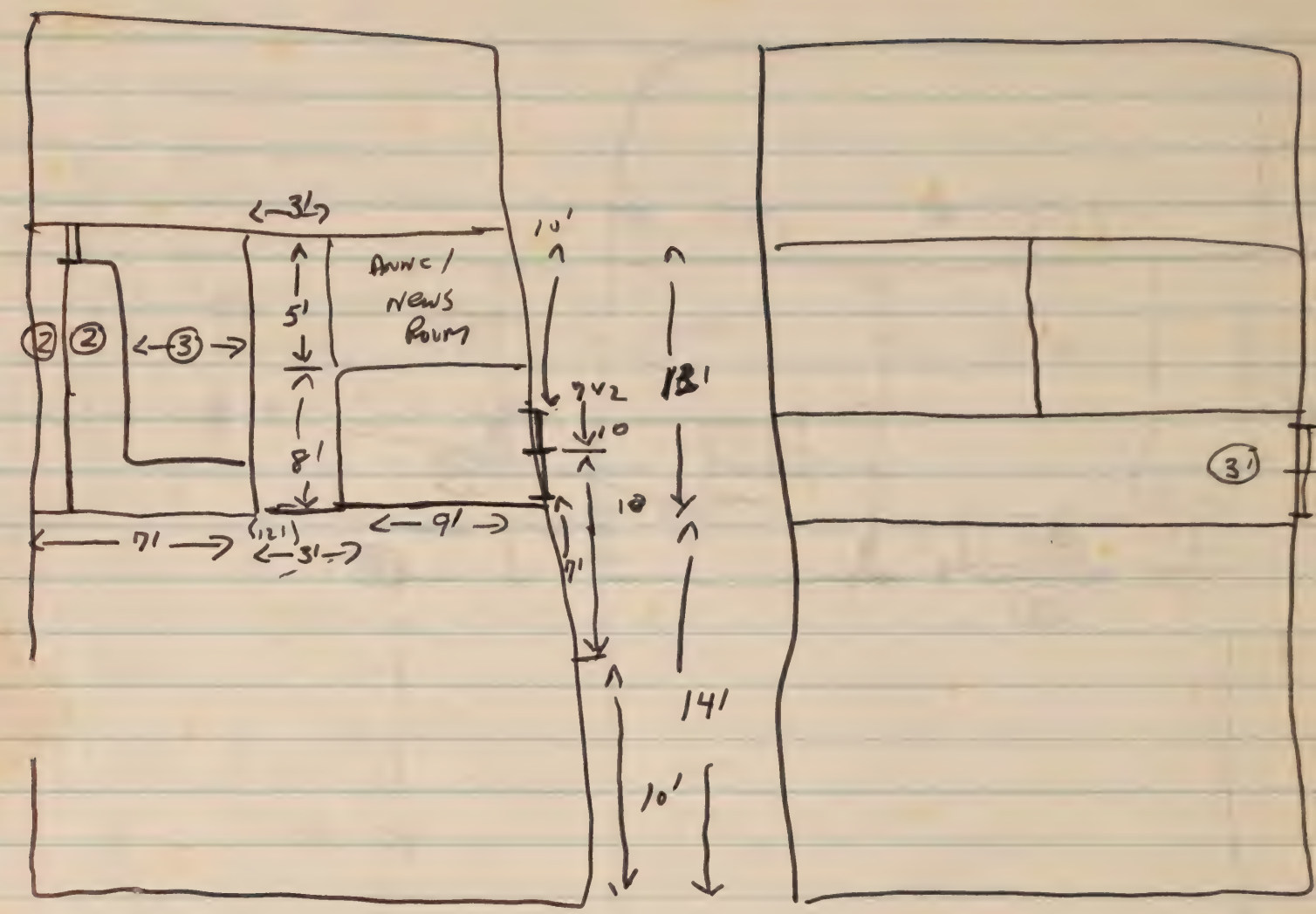
Week to 27th

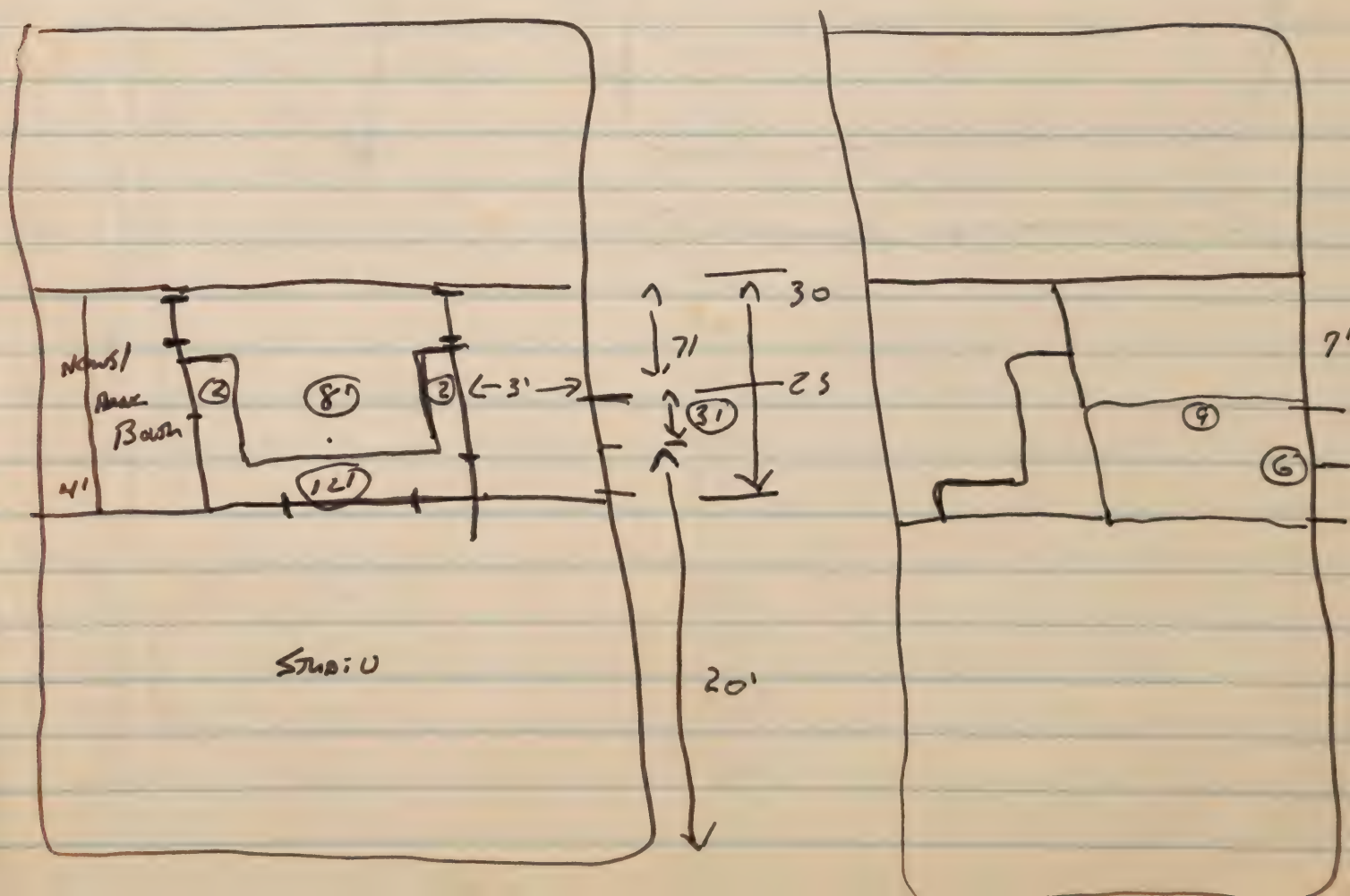
1) Clean up Annex installation
2) Test Scrambler thru new TR
3) Hang extra mounts, 220 & 1 & 6 Ants on tower
4) Test FM

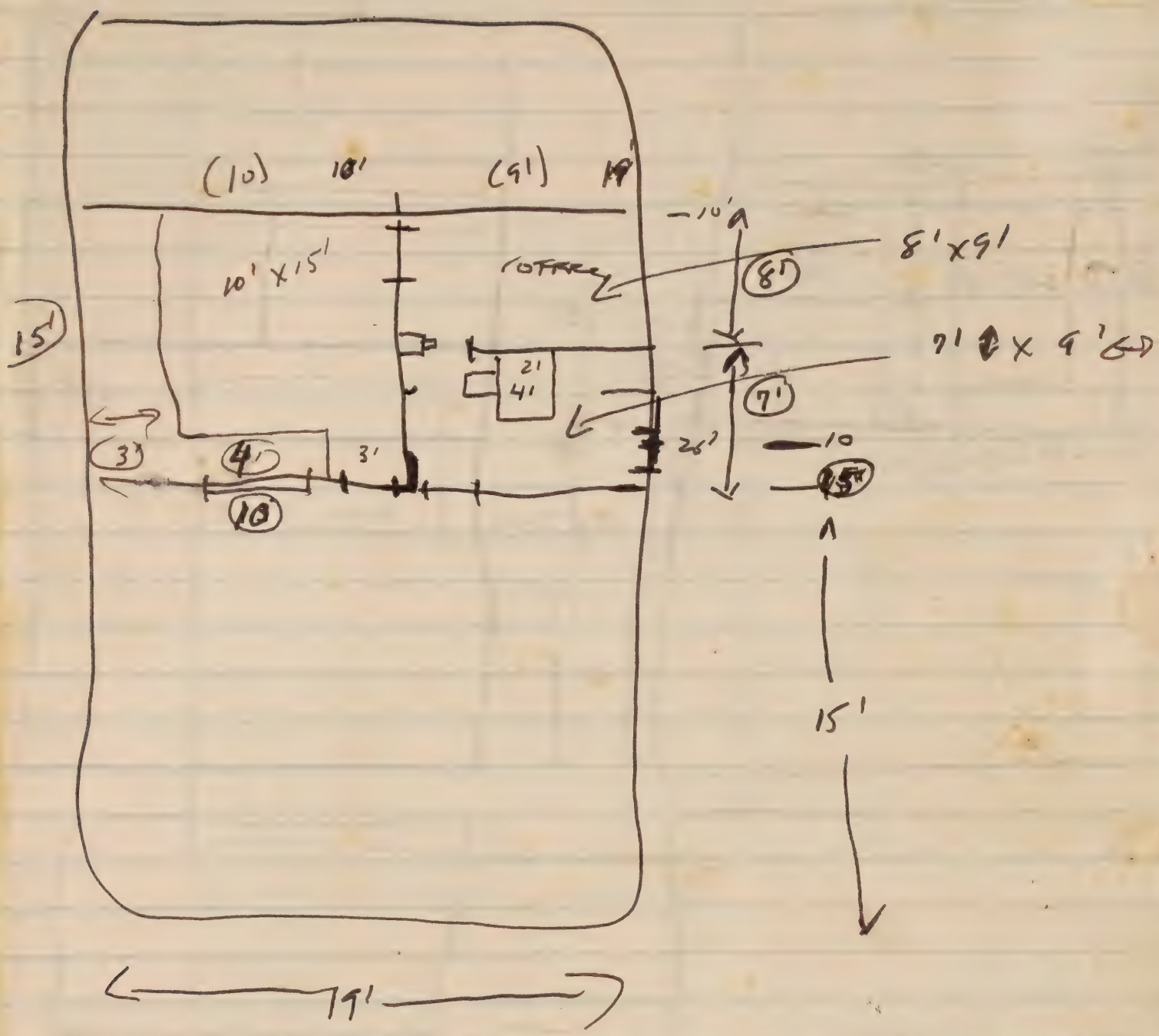

draw down Tank
well #1
300 gallon tank - Elevated
PINE TREES
well #2
draw down tank


7'
5' ?
5'


14
4'
10
8'
8'
8'
16
10
16'
19'


3'
10'
ANNC/
NEWS
ROOM
5'
2
2
3
8'
9½
10
13'
10
7'
12'
3'
9'
7'
14'
10'
3'


NEWS/
ANNC
BOOTH
2
8'
2
3'
30
7'
25
3'
12'
4'
9
6
STUDIO
20'


(10)
10'
(9')
10'
10' x 15'
COTTAGE
8' x 9'
8'
9' x 9'
9'
21
41
15'
3'
4'
3'
10
26'
10
15'
15'
19'

Channel 4 1984

1. Lloyd Gardiner - 090 7/14
2. Armin thiel - 047
3 Fran ward - 025
4 Ed Hegnen 093
5 Jor Klingenburg - 076
6 Ed Ericson - 002
7 David Fox 073
8 Alvin Rigby - 086
9 sandra nakin 016
10 Ismae Williams 068
11 Karin Siebenthalen 075
12 Jack Rigby 057
13 Verna Rigby 035
14 Bill clare 056
15 Val pratt 119
16 JR Cox 102
17 Debra parker 023
18 peter stubbs 017
19 Dorie Hand field 013
20 Diane white 083
21 police 021
22 police Don Grant 058
23 costmons 032
24 " 027
25 " 012
26 Harold charles 043
27 tom Light Bourn 063
28 Imigration carll 088
29 Imigration sis 022
30 sampson Ewing 144
31 Verna Rigby mother 069

32 Dorthey Delaney - 003
33 Ozzie Simmons 186
34 pete Bloomen 163
35 charlie palmen 173

* = part of Roll Guess

Cable .500	.412	Noness .412
2455	3032	3074 + 1 Roll opened
2450	2432	
2430	2982	
2440	2924	
2430	2000 *	= 13370
2435		
2055		
2450		
1000 *		
1500 *	= 21,645	

DC-8	DC-12	DC-16	2 way	P insert
~~IIII~~ III	~~IIII~~ ~~IIII~~	~~IIII~~ ~~IIII~~	/	I
8	~~IIII~~ ~~IIII~~	~~IIII~~ ~~IIII~~		1
	II 22	~~IIII~~ 25		

1/2" Terms

4 4

DT 8	DT 11	DT 17	DT 20	TERMINATOR 412	DT 14
7+1	12+IIII	8+~~IIII~~	15+1	9 + 6	~~IIII~~
8	16	11	10	15	5

DT 23	DT 26	DT 29	DT 32	DT 35	051 Split Amp
13+1	4+III	4	7+II	10	1
14	7	4	9	10	1

E 417	TRUNCK AMP 030	E 417 Splitter Amp	TRUNK AMP 070
~~IIII~~ II~~II~~	~~IIII~~ ~~IIII~~ II	III	III
9	12	3	3

DC-8

~~||||~~ ~~||||~~

||

Need 4 + ~~||||~~ 1

Dt 8

~~||||~~ ~~||||~~

~~||||~~ ||||

Need 11 + ~~||||~~

||

~~||||~~

Dt-11

~~||||~~ ~~||||~~

~~||||~~ ~~||||~~

Need 4 + ~~||||~~

||

Dt 14

~~||||~~ ||

Need 2 + ~~||||~~

Dt-17

~~||||~~ ~~||||~~ 1

Need 0 + |||

Dt 20

~~||||~~ ||

+ 1

Dt 23

~~||||~~

Dt 26

||

2 way

~~||||~~ ~~||||~~

~~||||~~ 15 + ~~||||~~

4/12 term

||

4/17 Amp

~~||||~~ ~~||||~~

+ ||||

4/17 Dual out

1

Dist End line Amp

|||| + 1

1 trunk Amp + spare board

+ 1

MARTIN ASHONDEN

CAST 83 / INTERNATIONAL CABLE & SATELLITE TV EXHIBITION
NATIONAL EXHIBITION CENTRE
BIRMINGHAM, ENGLAND

Sept 11-14 '83

100 Gloucester Place
London, W1
(01) 487-4397

1) We are planning very similar show - Spring of 84
2) Have produced 9 Sat TV shows, 4 Cable TV shows - Since
   A) First Sat TV download
   B) " " uplink - 15 hrs live -
   C) " " Intelsat link
   D) " " Russian Military - live
   E) " Live in Room Mini Coverage
   F) " VCR of Full Sessions, Optional Personal Screen
   G) " US Networks TV Coverage
   H) " Int. " " " (Cable)
3) Always Package Video Coverage into Rooms of Sessions. Live early day Good Morning Show, Planned Instructional Minicals into Reg fee
4) Always group Rose Hotels (Travel) Rates to benefits attendees
5) Allowance for Interviews, Planned speakers on shows -
   A) Run Tight Schedule of Technical Seminars
6) Suggest we explore Combining forces - See if Mutual Program might not be beneficial to 2 sides interests
A) We could act as NA/SA agents for Registrations, Programs, exhibitions
B) We would Plan, Supervise, execute full program - Speakers, demos, etc

c) UK would get permits, arrange lodging, handle Euro, AF, Asia Pay & exhibitors

1) promotion program - WC would prepare ec version & UC would xlate to Gers, FF, SS

A) advertising in Port

2) Distribute in Pal pre-promotional newsletter which US would create & produce on NTSC

3) UK would clear for permits

A) downlinks - use

B) uplink - use

C) MW to Hotels - use

D) in bound / outbound Eqpt. for exhibits

E) " " / " " booth supports Eqpt / Prod. Lect, booth display

→ ENLARGE TO include Sat TV to MTN (low power) TV Connection for access Sat to Rural areas

Size

$459,300 Gross -

EXHIBITS

Sat TV - minimum 100 booth spaces 10x10 || +25 low pwr - (2500)

Cable TV - " 200 " " 10x10

Supports (Pro. Video) " 50 " " 10x10

350 10x10 = 35,000 sq ft. (37,500)

Suggest booth space Price - US $7 per sq foot = $700 per 10x10 + 3 personnel per 10x10

TOTAL GROSS

$459,300

+ Merchandise sales, Prod. mkt sales

Attendance - NA - 500
SA - 200
AS - 100
AF - 100
Eur - 1500
2400

Price Structure + Seminars

Full - Pgm, Nw (@50 u) Mkt, 3 day Attend, - $125 US

Partial - Pgm, 3 days exhibits - $100

one day - Full - $50 (No Manual)

one day - Partial - $35

Gross in mine - 37,500 x 7 = 262,500 ($262,500) booth space

- 2400 = .4 full, .2 Partial, .1 1 day full, .2 one day Partial

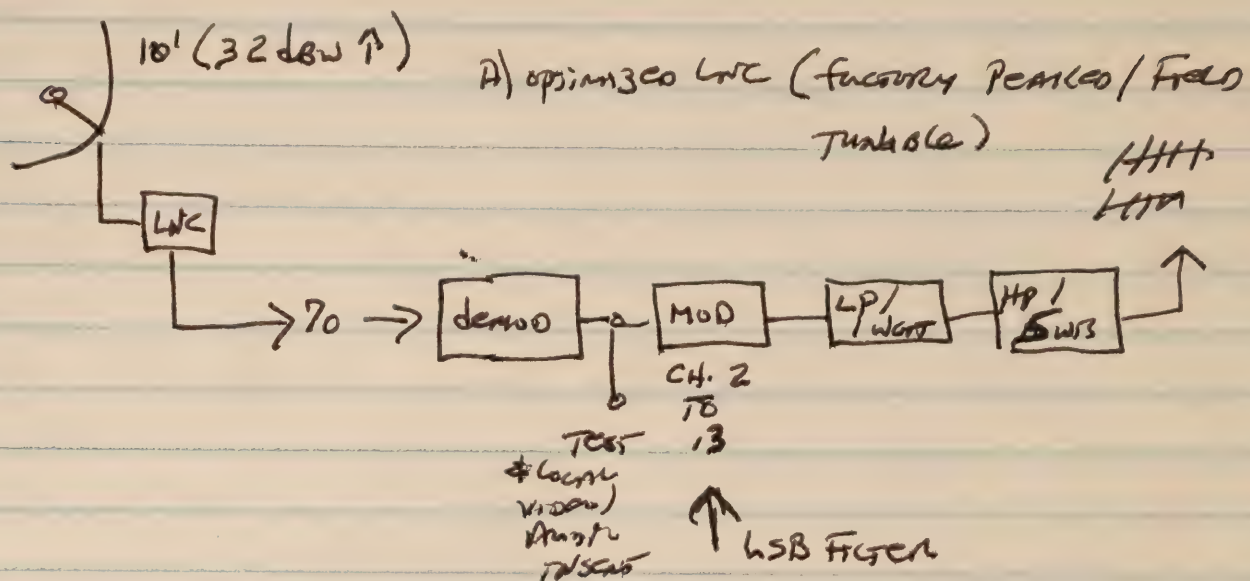
960 x 125 480 x 100 240 x 50 480 x 35

$120,000 48,000 12000 16800 = $196,800

Form C – 53 listings / + Parse Assoc.
Form B –
Form A – 102 listings / + CSD, STJ

DSR Service

1) develop & plan – Petition Commission to Test Service – or Modify Rules for LPTV
2) Package A) Single Ch.



A) Total Pwr Consumption – Max / 12 vdc (24 vdc) 1 Amp

✓ on

1) Motorola Power Amp # for Ch. 7/8
2) " " " # for Ch. 5/6

5-10

20.7 / 67.3 –

0920AM W/SW –

AVG PC

1040 37 $0

11:55 — Here Bar 29.44 F
Gust 60 mpH

~~[illegible]~~ Weather channel — 28.85
90 mph

TOPS

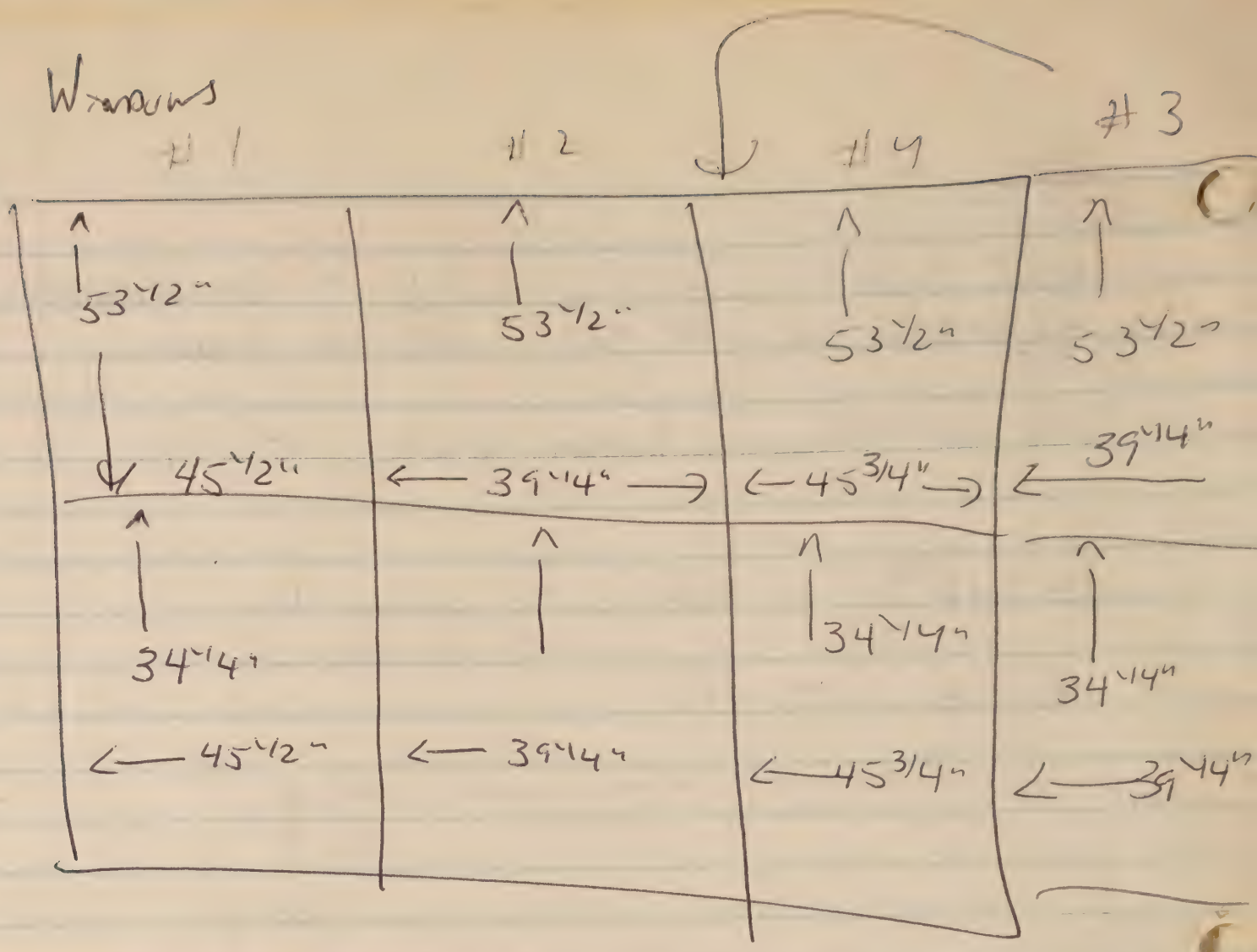
45" E/W X 45 1/2" N/S – West & ~~EAST~~
43 1/2" E/W X 45 1/2" N/S – Middle

TOP OF FLOOR TO bottom 2x8 – 85 3/4"

14 – 11 1/4" – E/W
18 – 4" – N/S

> Ground Hole Dimensions

Windows



West Doors / East Same

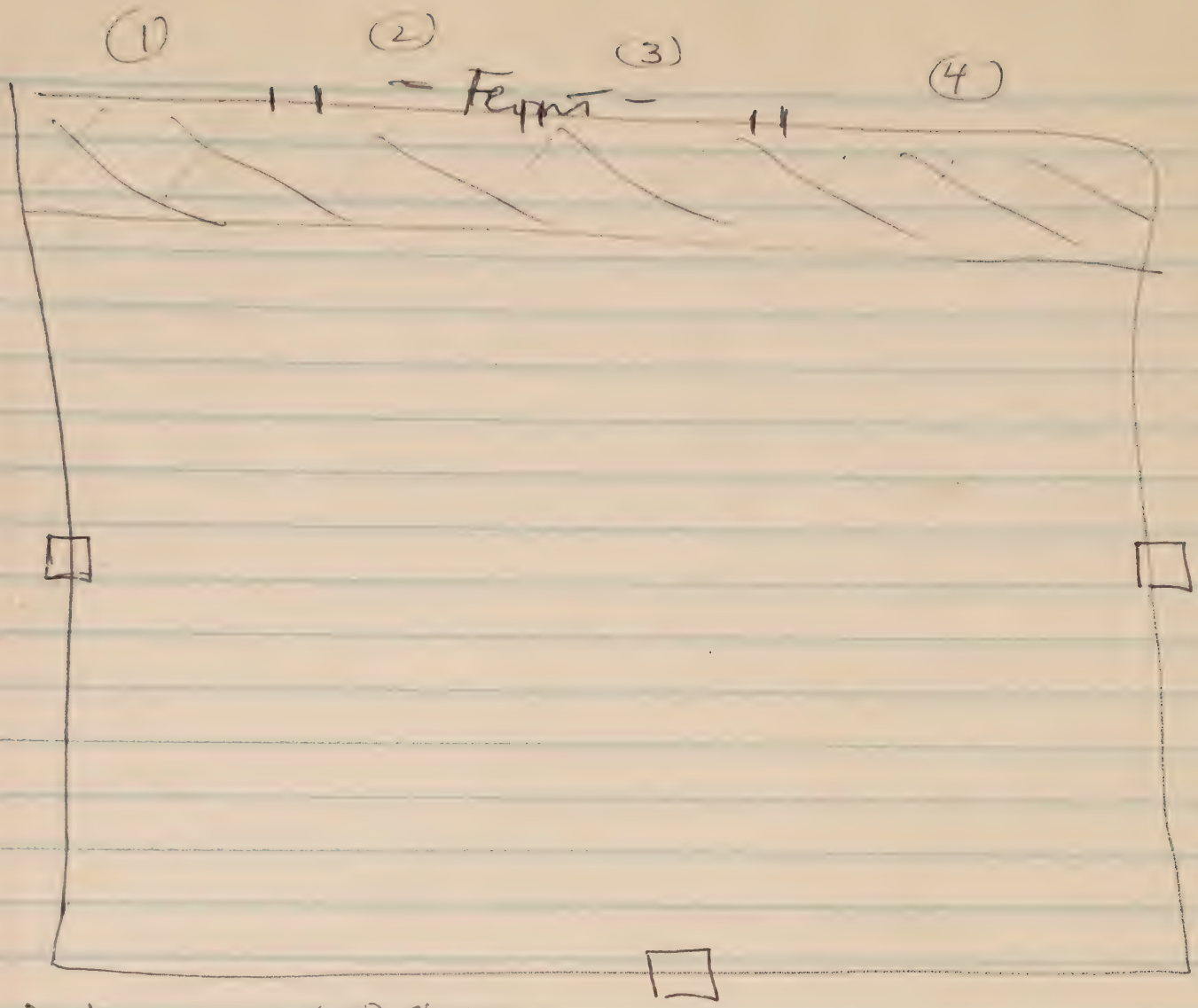
Double = 32 1/4" W x 80" High

2
45.5
39.25 Front opening
45.75
39.25

169.75 = ≤170" or 14'2" (<) Wide

Height - 1.65 + 53.5 + 34.25 or 7' 5 1/3" High
89.35 =

Standard = 4 Windows Plus (14 3/4") or 22" Trim or
7" (+) between each set



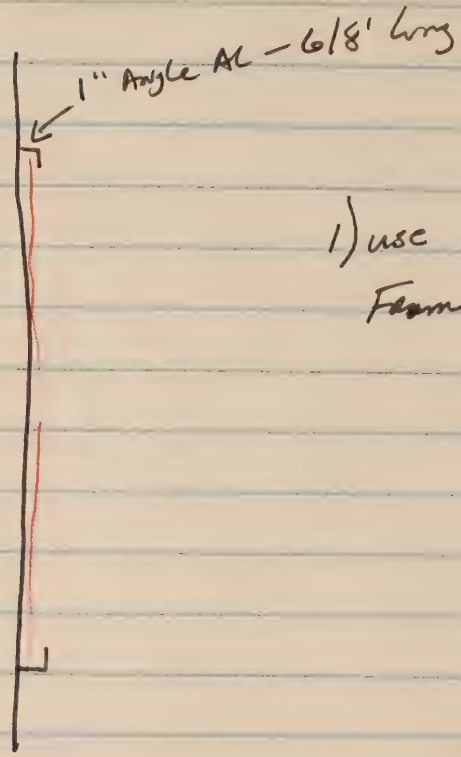
1) Hot Water - solar Panel - up -
2) Drain - To Flower Garden, Front
3) Lights
4) leave Some dirt For Planting
5) Possibly greenish-white Stain on Walls
6) Spray Paint Furniture? -
7)

A) Remove
1) Doors To Kitchen - leave open?
2)

B) leave double And Single Windows To Shut off Kitchen

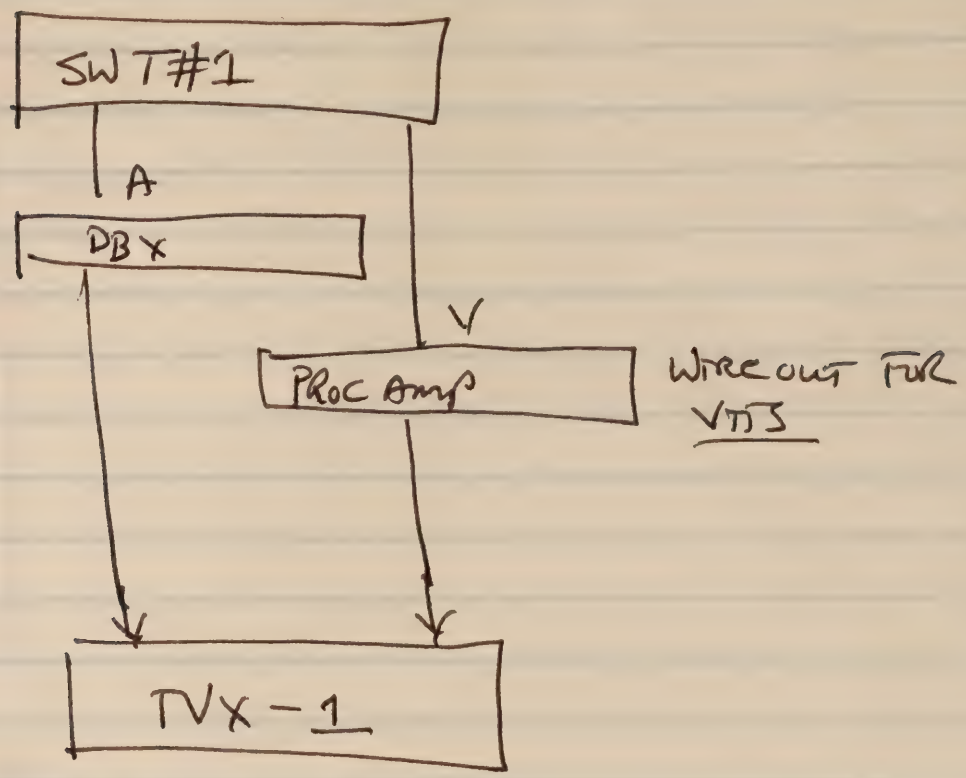
Standard Windows 37" W X 65 1/2" H

Possible Set 2 backdrop

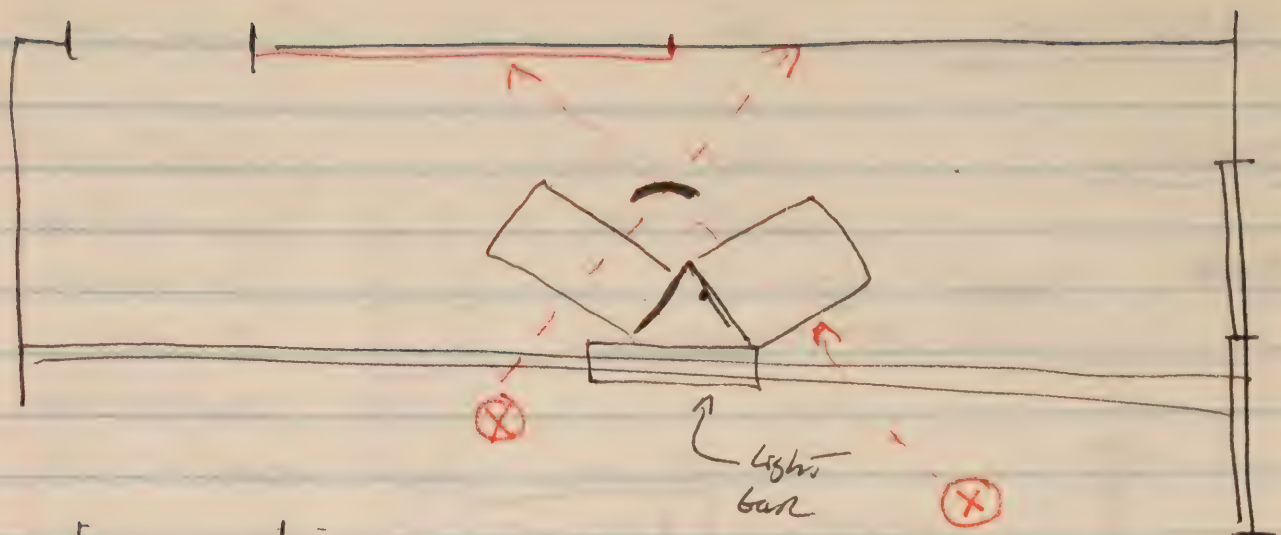


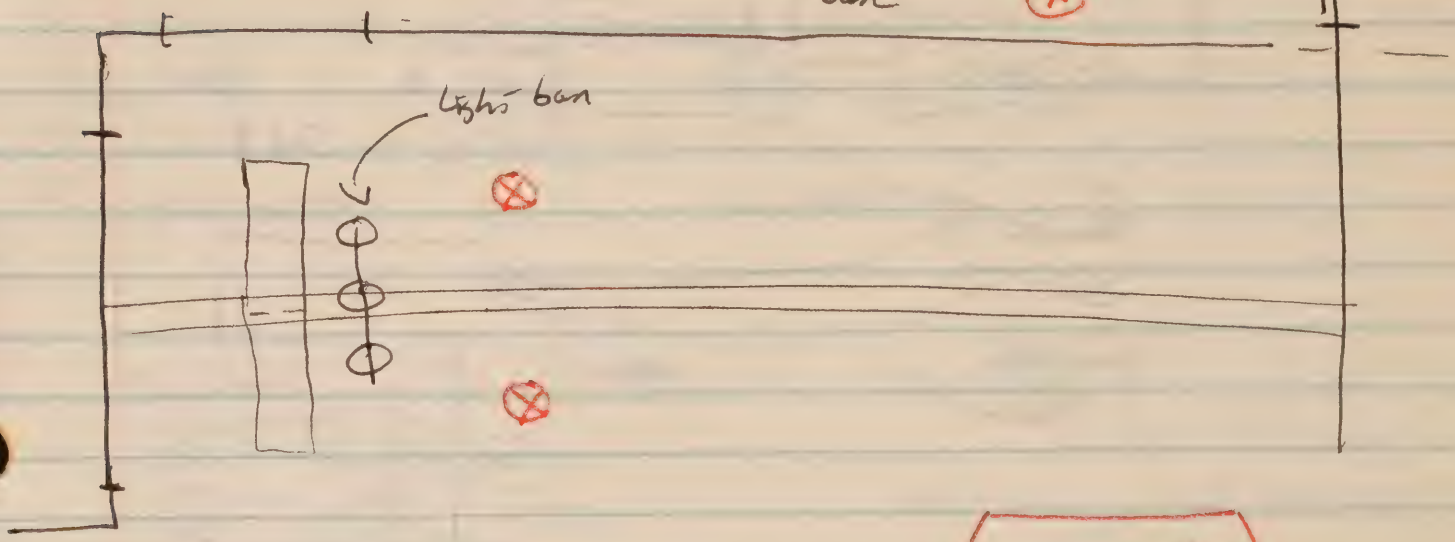
1) use 4'x8' - 1/4" PLY - can store 3.w
Frame & can use both sides

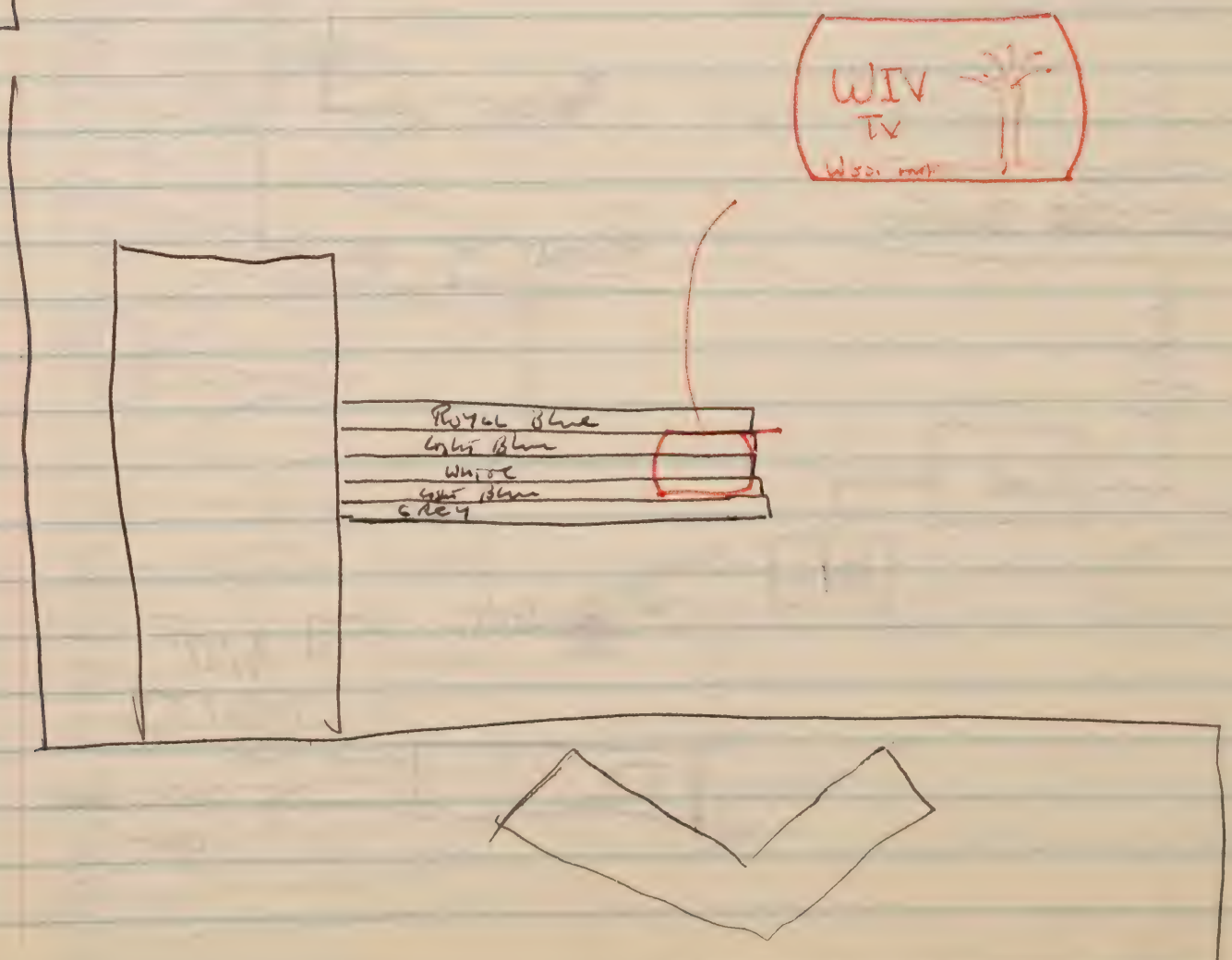
CH. X SVC



NEED WAY TO TELL BEI / T#1 TO SWITCH ON GUC

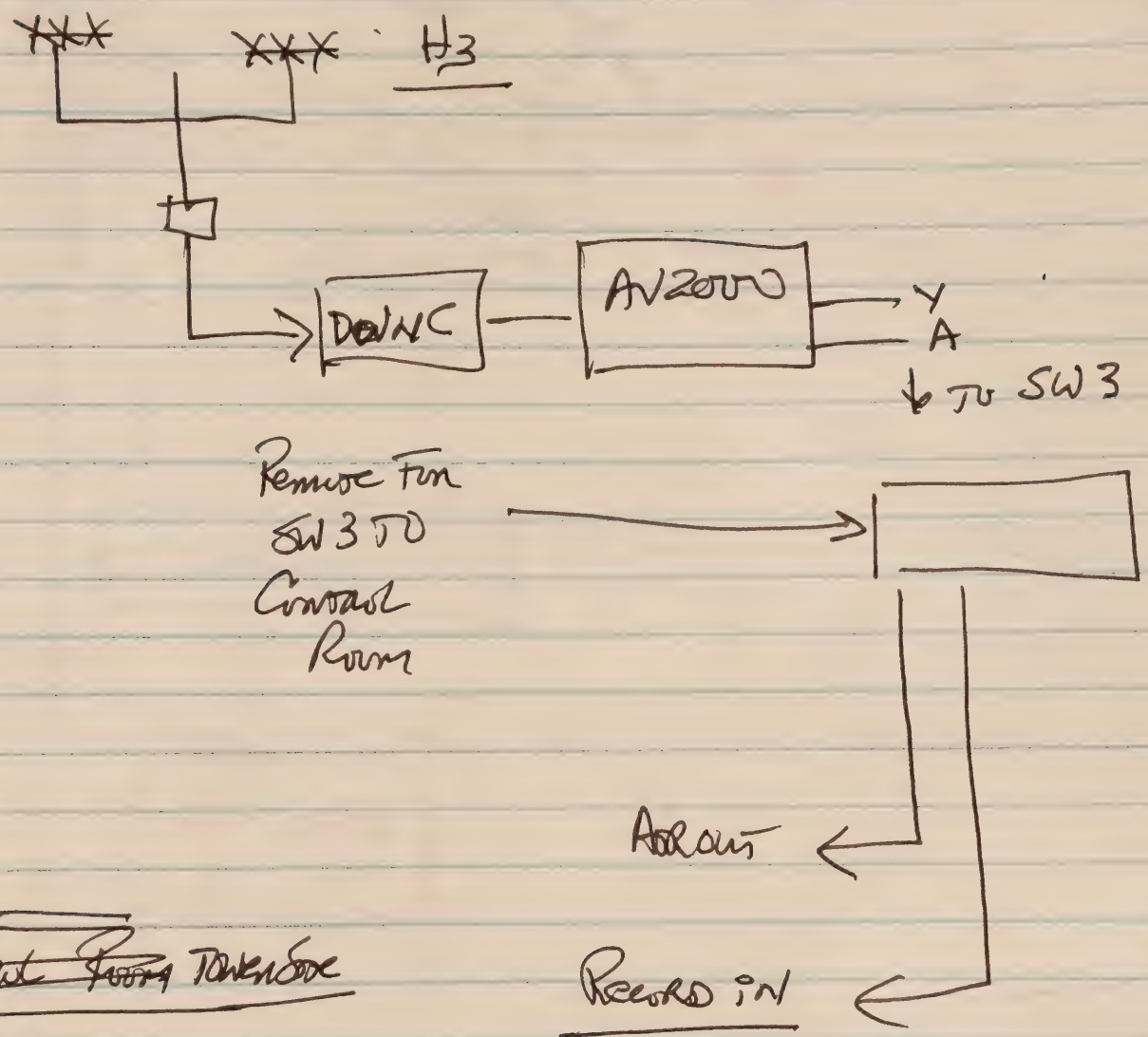

Light bar


Light bar

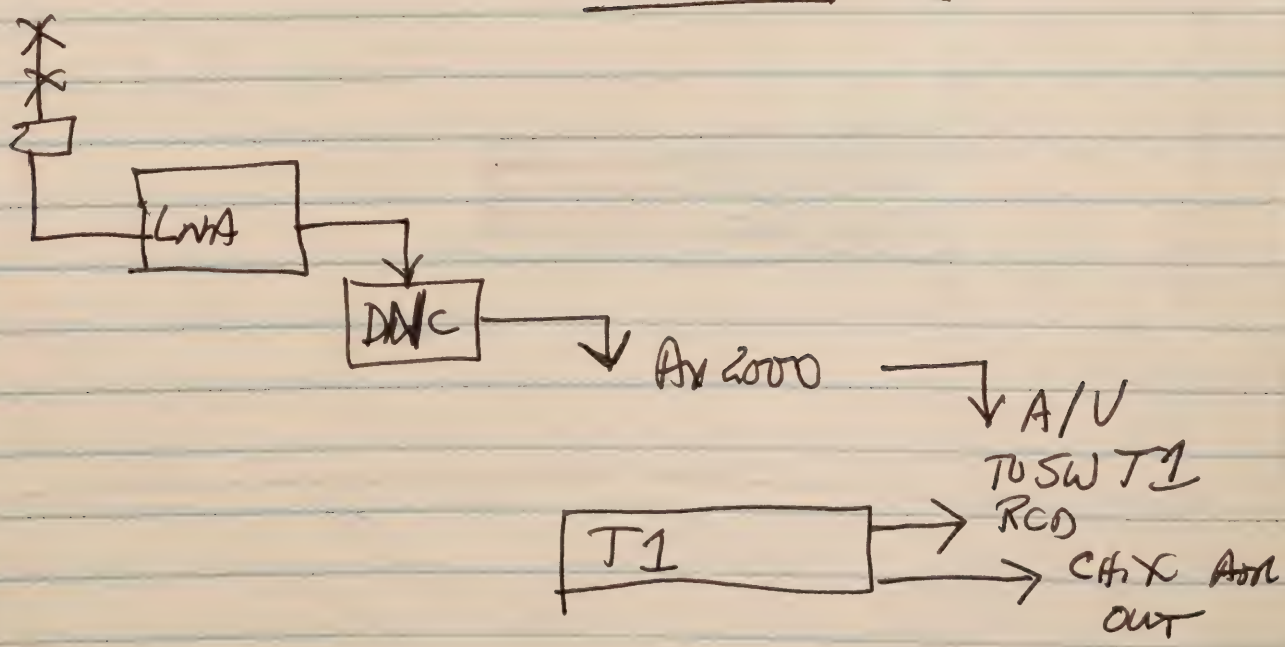

WIV
TV
Royal Blue
Light Blue
White
Light Blue
Grey

426.25 SVC

STUDIO

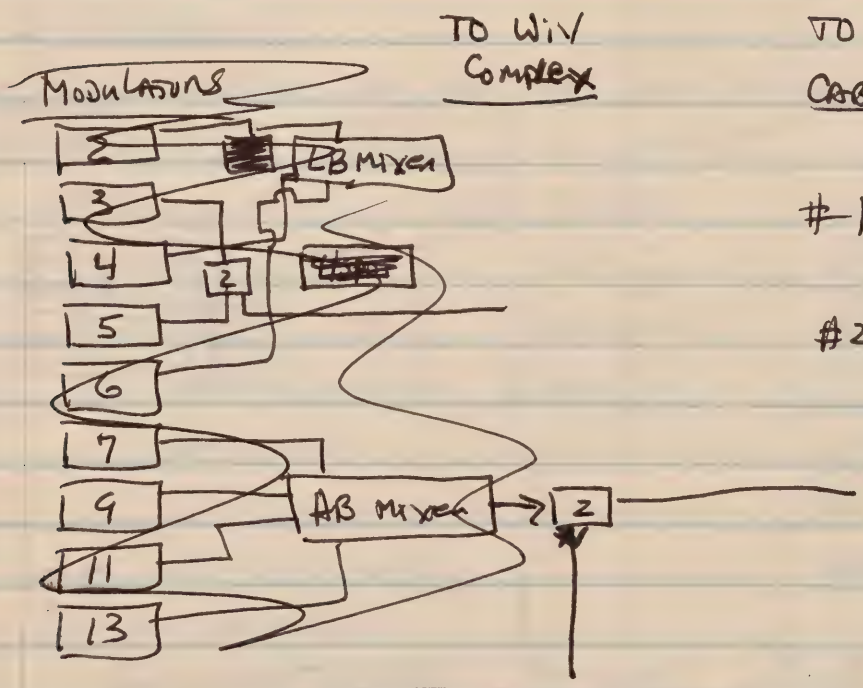


~~Control Room~~ TOWER SIDE



EAST END PLUS WIV COMPLEX CABLE

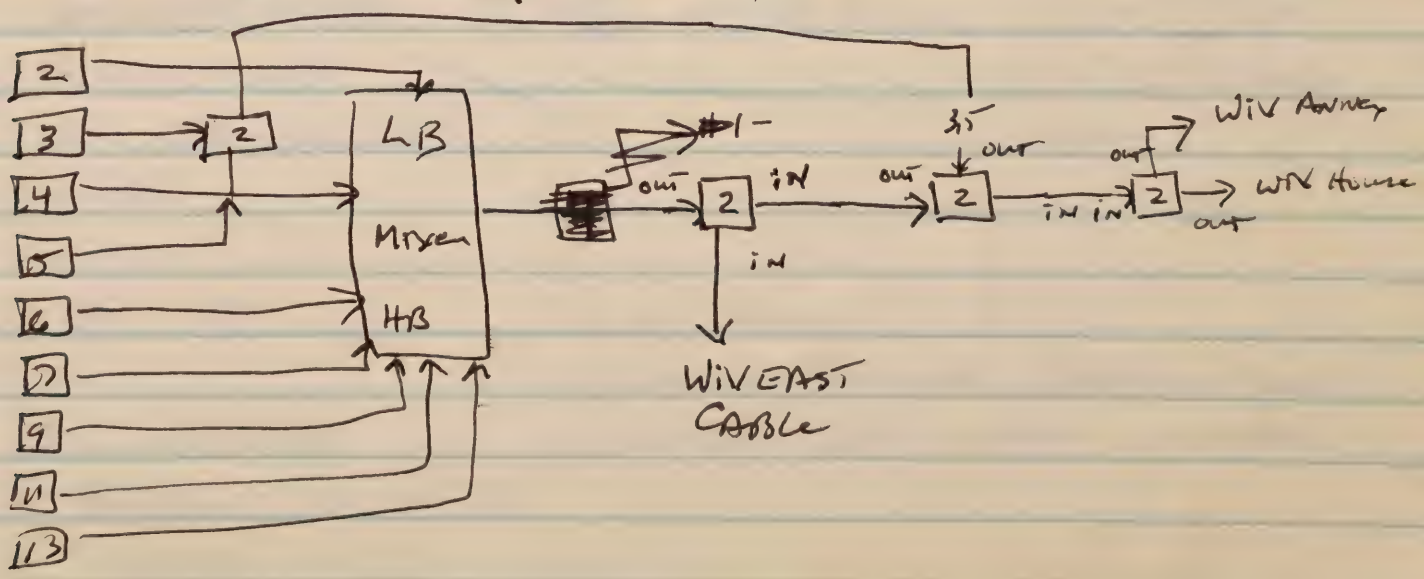
WIV Complex		EAST END
→ ABC/Potluck	CH. 2	ABC/Potluck
WIV-CH. X	CH. 3	
→ WTBS/Hero 1	CH. 4	~~[illegible]~~ WTBS/Hero 1
NBC/Potluck	CH. 5	
→ WX. CH./Music	CH. 6	WX. CH./Music
→ WIV Modulator	CH. 7	WIV Modulator
→ WGN	CH. 9	WGN
→ CNN 2	CH. 11	CNN 2
→ HBO/Showtime	CH. 13	HBO/Showtime



TO WIV CABLE EAST

#1) change out to transfer CH. 6

#2) ADD transfer CH. 3,5

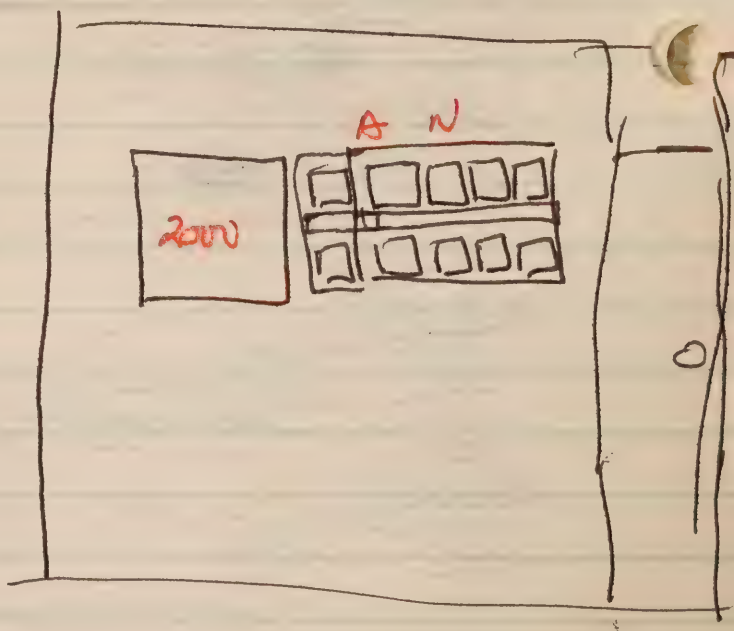


Office Layout

1) Monitor / AV 2000 USA - feed off of Modulators
for CHs 2, 3, 4, 5, 7, 9, 11, 13

2) Monitors - B&W for 8 svc's
(to Front)
(to Rear)

> 20 Monitors
including WTK 1D &
Remote feed in



CABLE TV EAST END

CH. 2 - ABC / POTLUCK
3 - VT2 | CNN 2
4 - |
5 -
(6)
7 - WIV THRU MODULATOR
9 - WGN
11 -
13 - HZ 2 - SHOWTIME

House -
ADD Thursfie
CH. 3 - STRIP - CH. X OFF AIR
CH. 5 - NBC
6 - Background music
4 WX CH.

2 - ABC
3 - CH. X
4 - WTBS
5 - NBC
6 - WX CH
7 - WIV
9 - WGN
11 - CNN 2
13 - HBO

SAT FINDER 10'

1) TWO RCVRS - ONE FULLTIME ON FAN / SELECTV - FOR WIVEUST (HZ)

FULLTIME NO HASSLE

VT | WGN
ESPN
MSN
CNN
CINEMAX 23

HZ SPOTLIGHT
CBN
SHOWTIME
HBO 24

dedicated Rcvrs THRU WIV
VT1 - WGN
VT2 - CNN
HZ2 - SHOWTIME OR HBO

WIV - CH. 7 = 4

HZ2 - ABC - CH. 2
MASTER CABLE = 6

ADD DEDICATED RCVRS

WIV MOD 2 - ABC / POTLUCK
WIV MOD 4 - ~~SPOTLIGHT~~ WTBS / HZ1
WIV MOD 6 - WX CH / MUSIC
WIV MOD 7 - WIV - THRU MODULATOR
WIV MOD 9 - WGN -
WIV MOD 11 - CNN 2
WIV MOD 13 - HZ2 - HBO

BS MOD. / HZ 1 RCVR

Have to home
1 VT2 / HZ Rcvr
free -

ADD. dedicated
1) ~~SPOTLIGHT FOR CH. 4 TO KEEP WST free~~
2) dedicated CNN 2 TO keep VT 2 free

POSSIB 2 - CNN 2 RCVRS
1 - SC demod FOR CH. X
2 - TRANSMITTERS CH. 5, 6

RF Sources / Cable Modulators

201	201	JCN	JCN	JCN	Hennats
ABC	NBC	VT1 MTV	H31 HBO	H32 SHTW	SELECTV
1	2	3	4	5	6

A) STATIC ID & FM MUSIC (7)

B) FEED FROM WTV STUDIO FOR PGM ROLLS — (8)

3M SWITCHER

& BEI SWITCHER

C) LOCAL TAPEDECK PLAY (9)

D) LIVE CAMERA OR CH 2 DN (10)

CABLE N CH. LIST

2 — ABC / CINEMAX 20 (AN)
3 — NBC / MTV 11 (DT & AN)
5 — SELECTV / FULLTIME
7 — WGN / FULLTIME
9 — CNN 2 / FULLTIME
11 — FNN day / ~~CBS CABLE~~ CBS NIGHT (NIGHT)
13 — HBO / SHOWTIME
6 — ~~BET~~ (NT); ~~ESPN DT~~

ADD 6 WITH START OF BIGHT SERVICE IF 25 SIGN UP —

4 — CH 4 DIRECT WTV

RCURS / ADD

IMMEDIATE

1) CNN 2 (15)
2) FNN
3) CBS CABLE
4) BET
5) ESPN

LATER

W5 ANT,
TR 10 ('BET)
TR 7 ~~CBS CABLE~~

Tower Plaza RF Layout

20' ADM Dish

1) Place on D3
   A) ABC / Com 2 (13)
   B) NBC / Com 2 (1)
   LNA – 100°
   Feed – Chap. Polarotor / bring in AS

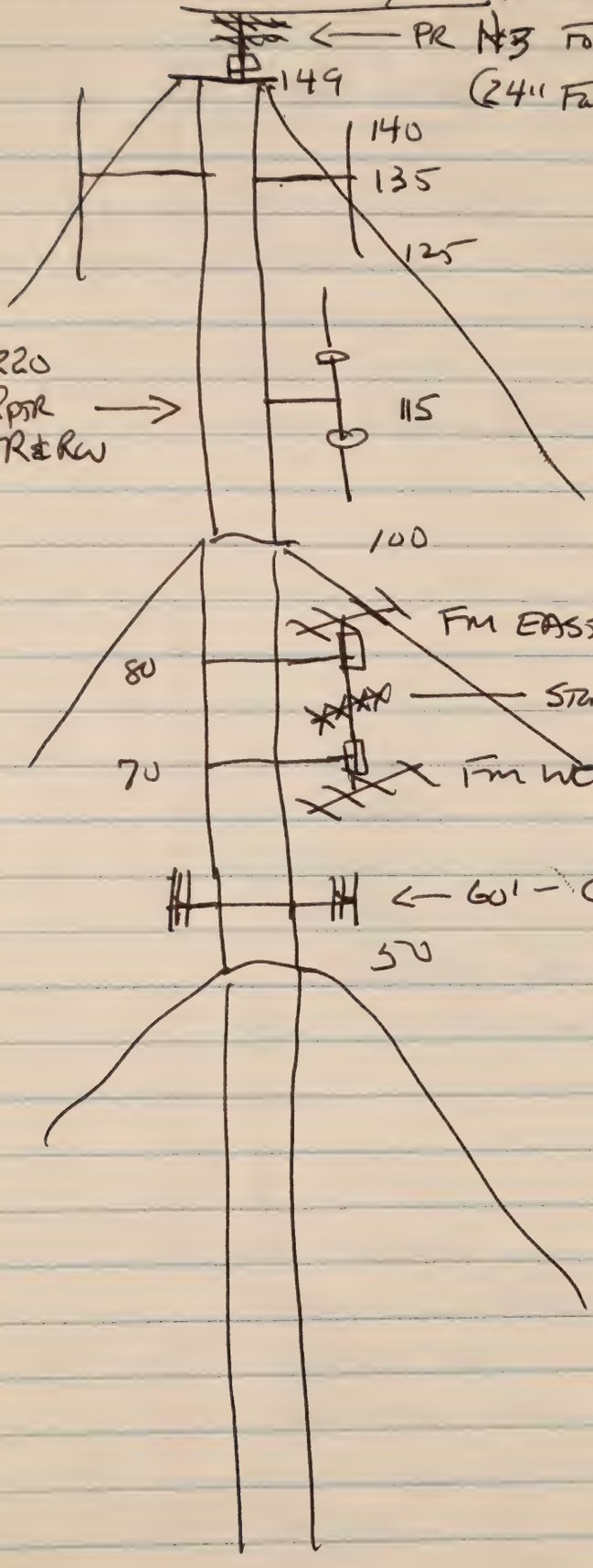
LNA's
100° – 5
Rcvrs – 8
Feeds
dual Pole – 1
Single Pole – 1

2) 10' Harris
   2) Place on W4
      A) SelecTV / Com 2 (18)
         (vertical feed)
      Put dual Pole on (?) & bring in H3 AS spare –

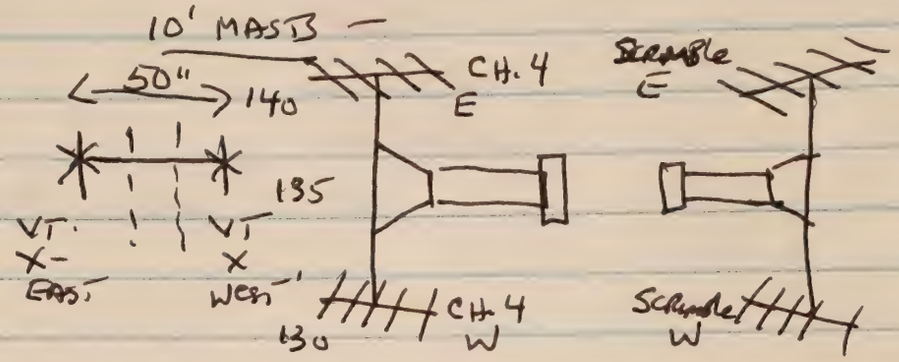
3) 13' Jniel
   3) Place on F3R (interim)
      A) HBO – 24
      B) Showtime – 12
      C) Spotlight – 4
      D) MTV – 11
      E) Cinemax – 20
      F) Cinemax 23
      100° LNAs (2)
      dual Pole feed / downCs in Box AS Ant.

Group Rcvrs / FM – TR3 (2 way split)
VT – Com 2 / 11 primary, 23 backup
H3 – Com 2 / Split 2 way – feed R #1, 24 #2 with 4 backup #1, 20 backup #2

TOWER TOP 9/18/82



135' CTR APP - DUAL SIDE ARMS -



CABLES - ROTOR 150 + 50 = 200'
C12

50Ω

A) 1/2" TO H3 TOP = 200'
B) 1/2" TO VT X = 180' 380
C) 1/2" TO STANDBY X = 120' 500'

75Ω

A) 1/2" TO CH. 4 = 180'
B) 1/2" TO CH. 4S = 180' 360
C) 1/2" TO FM = 130 490
D) 412 TO CH. 7 = 110'
E) 214 TO 220 = 165 x 2 = 330'
F) LIGHTS - 110 VAC/220 VAC -

FRED/ NEED RUSH - LABELS TO GO ON EQUIPMENT. LIGHT COLORED ADHEDIVE BACKED LABELSTOCK - NOT WHITE - AND BLACK INK. PRINT 250.

11

WIV - • CHANNEL 4
• CHANNEL X
• TELEVISION

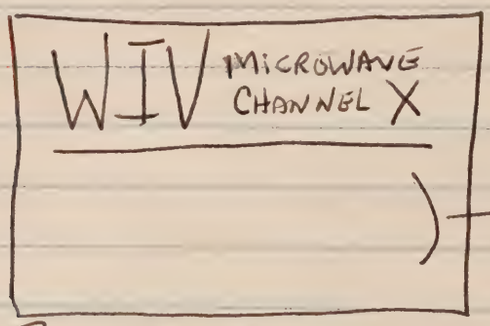
THIS DESCRAMBLER/ MICROWAVE DECODER IS PROVIDED BY WIV AS A PART OF A ONE YEAR SERVICE AGREEMENT BETWEEN WIV AND SUBSCRIBER. THIS UNIT AND SPECIAL ANTENNA/CABLE, IF PROVIDED, IS PROPERTY OF WIV. MAY NOT BE MOVED TO ANOTHER LOCATION WITHOUT WRITTEN PERMISSION, AND MUST BE RETURNED TO WIV ON DEMAND. DANGEROUS ELECTRIC VOLTAGES INSIDE, DO NOT OPEN OR GET WET. WIV PROVO 4273; WIV GRAND TURK 2144.

11

24) Simplex Punch
25) 220 Repeater — & Filter
26) 220 Amps
27) Telco Ans. Machine
28) Gray Flat indoor enamel / Flat
29) Royal Blue " " / Flat — gallon
30) Rolls of Masking Tape
31) Wall Tron
32) 3 new Sec Chairs
33) Plain bar stool /
34) Boat TLR / Paint

Miami Resort

1) UHF TV Ants
2) " TV Baluns
3) Cheap Masts, Wall Mounts
4) Labels Fiber – Front & back



This microwave decoder/descrambler is the property of West Indies Video and is provided to the subscriber, with uniform, as a part of a one year subscription to Atlantic Television. The subscriber is totally responsible for the units safe keeping. Units may not be loaned or moved w/o ~~[illegible]~~ permission of WIV-TV.

5) Rotor – Tower Top Plate
6) 12-2 – 250'
7) 12-3 – 250' ??
Twilight? –
8) 3 Eqt Racks
9) Hero – Chain Drive Sensor Stops
" – Replace Veeser Box
10) 50 Ω Type N
11) Cable TV Ports // 2, + Cat 5,6 Home System
12) Transformer Pro Cat 5, > $360 units
13) $189 220 Rotors (2 – 1 For Rural) if Repeaters Ready
14) Frank Mestno – Versa Tronics Pre Amp?
15) Order Scrambler & Some CTV Desc.
16) Letter Re How Types Are Coded For Auto Search/Controller
17) Transformer Cat. 6 For Home Sys – $150 unit – (3)
18) TV Guide 6, 10, 20 dB Pads
19) Call Cumberland Mountain, Stamp Source – See Cat J – Re 439.25
Mod & Amp / Cates Evans? / Triple Crown /
20) AV 2000 – From JV –
21) 2 Legal Size Files
22) Desk
23) Super Fine – another F far from Cat. 4

Rick S.

Call
1) Need full Copy Brackets Book
2) Full page Ad, 2 new Manuals

A) Get Portable Package operating
With Plug on 12V out of Blazer, Plug There
B) Rig Blazer, Check Mount Ants.
C) Mount VT. Pair ants for Studio pick up
D) Ants / Perm

Tower Plan

Room on top — ~~HT~~ Pair of Guon — 2
VT Ch. X TR — VT Pair opposite Door Guon — 2

Studio
1) TR Standby on top of Tower — 1
2) Rcv Pair on Roof — HT — 2

Portable
VT 1) PR-VT. For long haul Rcv — 2
2) Single HT studio Haul TR — 1
9

Perm. TR

1) Aeropuerto
2) Is. Pinal
3) 3RD T
4) ~~[illegible]~~

} All KLM

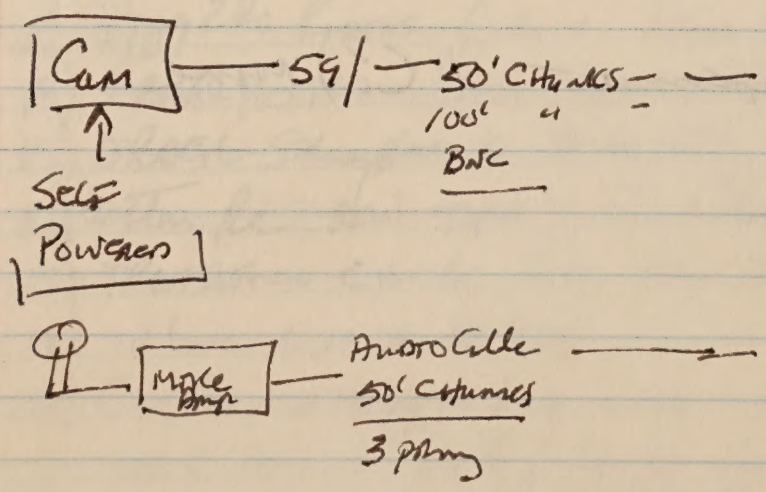
ORDER
4 Mine Jay Anderson — 1 (?) Mine
VT Kits

Bids to mount Plug in Permanent antenna

1) Airport Control Tower (new)
2) 3rd T
3) Is Pen
4) Bar BH
5)

Need

1) Portable Sound mixer (Rd Stik?)
2) " Video Switcher (3M?)
3) 2nd Portable Unit 426.25
   2nd TVX-1 439.25
4) Portable SC Video/ Audio Package –



ON END OF OCT & NOV SCHEDULE —

1) TAKE all 4 NEWS MOVIE ends & TIME/SCHEDULE ON LOCAL PROVO PROFILES TO FIT TO NEWS BREAK —

2) RUN each segment a Couple of times

3) Keep MASTER file LIST OF TOPICS length —

4)

TV Blocks

1) TH Shoot People working Sequences For breaks - Edit onto master - West Indies music - all ends with 4 Fingers - OK

2) Local Topic interviews to Cam
   1) Airports / Runway use
   2) Airports / Transition
   3) Airports / Traffic Flow
   4) Highway Construction - dealing with delays, detours
   5) Power Company expansion - overall Plan
   6) Construction at TC Marriott
   7) " " Shirley Place
   8) Tour of Fort George Key
   9) Dealing with Tourists
   10) Tower Plaza Construction
   11) BCP Airport Development
   12) I'm Mad As ___ & I'm Not Going To Take it anymore! (From "Network") [[Sound off]]
      A) Set statement tape & Place Schedule
      B) Tape as many as possible in Provo, North Caicos, GT -
   13) Public Service announcements -
      A) Abs & Posson B - Ref Safe driving
      B) Walter Cox
      C) Stanley Brooks
      D)

14) Christmas Carols From _____ // up to 15 minutes, Tight formated Program -
   A) Must be Rehearsed & timed to within 10 seconds / Pass Audition Test First / Proof Mike, Lighting -

500
4.3/0
1.0
2.0/2.5

4.3/0
1.0
2.0/2
5.2/0
1.0
2.3/2.0